aluplast®
Kunststoff-Fenstersysteme

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www.aluplast.ro

Program

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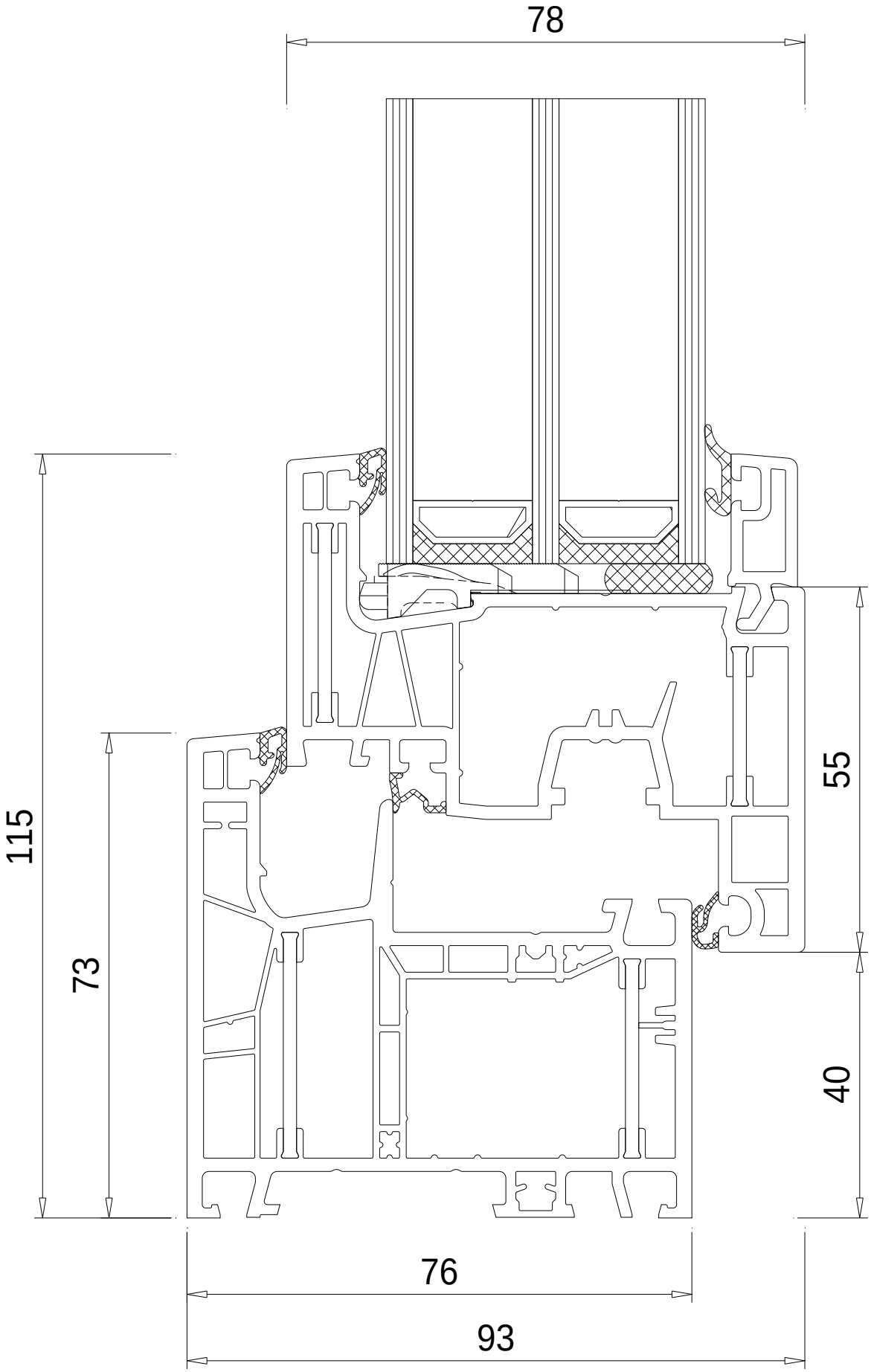
319101 | "Übersichtspläne" AM | pl (polski) Polish |Wydanie 2022-04

AM

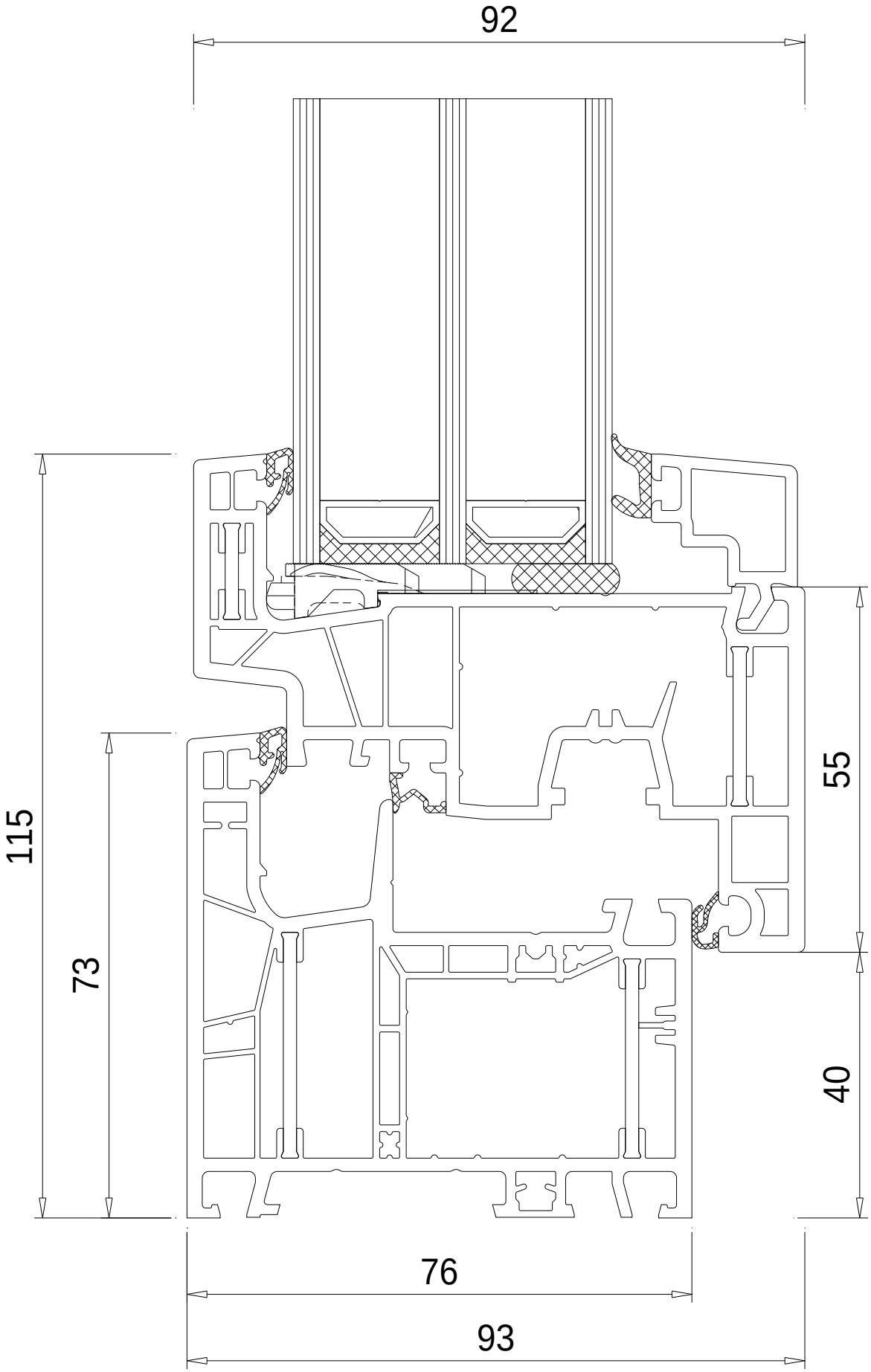


energeto NEO

frame profile: 060x05

sash profile: 060x20

glazing bead: 150832

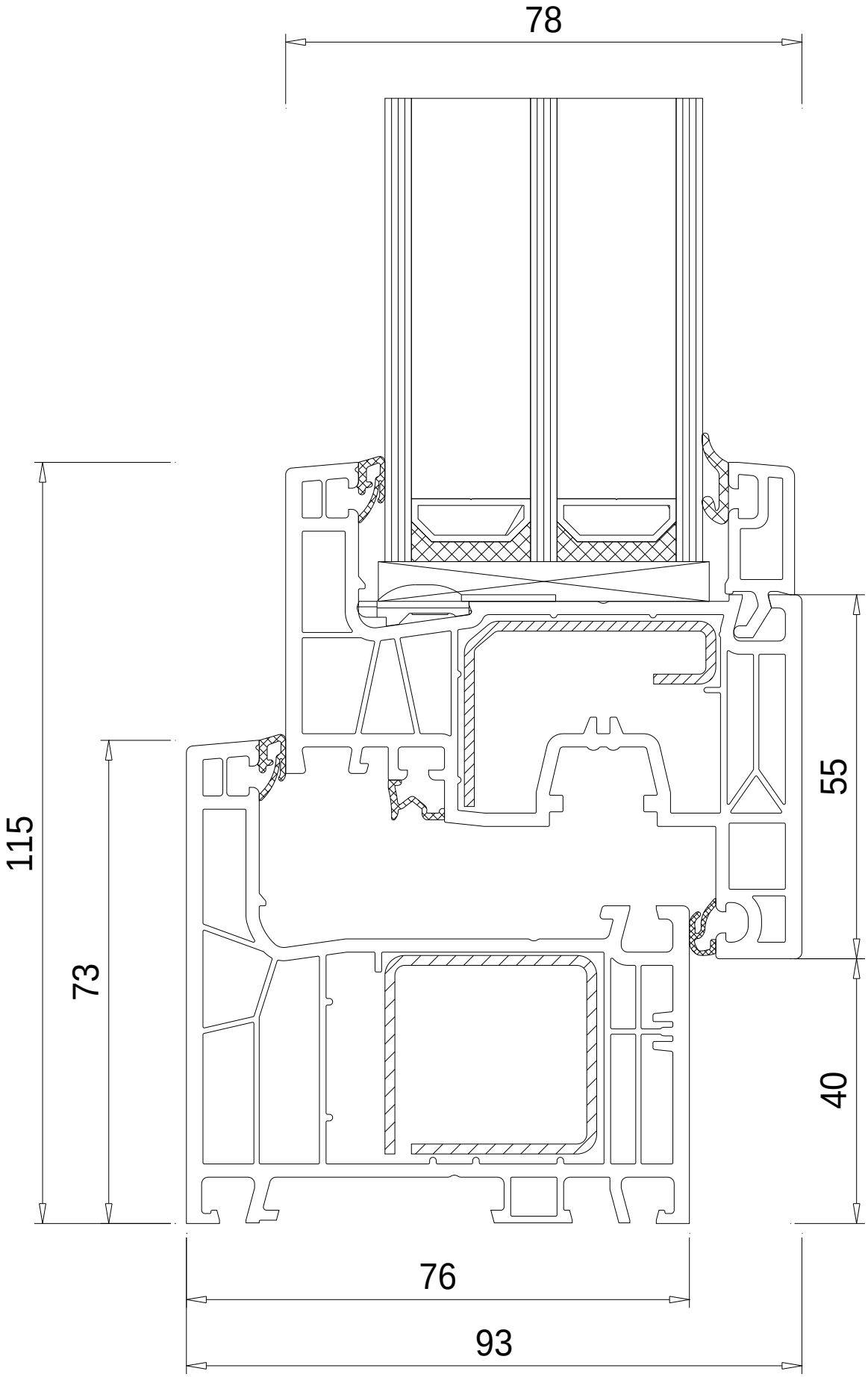


energeto NEO

frame profile: 060x05

sash profile: 060x27

glazing bead: 150734



Ideal NEO

frame profile: 160x01

sash profile: 160x20

glazing bead: 150832

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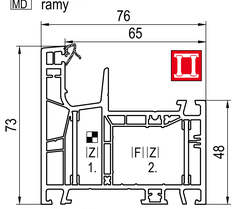
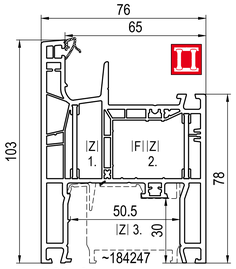
energeto® neo

profile główne

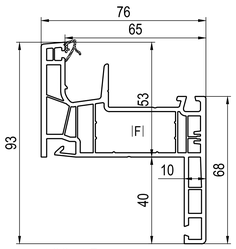
MD ramy



■ 060x05 (QL) MD
■ 060x050000020 (QL)
|A| 665016, 662017
|F| 269004, 299944
|I| 640441
|P| 269504, 269512
|Q| 267501
|U| 267070, 277070, 287070
|O| 660970 |X| 466071
|V| 666371 -> |U| 267070
|Z| 1. 660291, 2. 660290

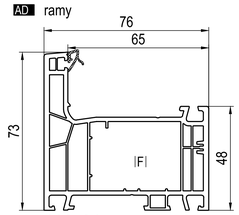


■ 060x08 (QL) MD
|A| 665016, 662017
|F| 269004, 299944
|I| 640441
|P| 269504, 269514
|Q| 267501
|U| 267070, 277070, 287070
|O| 660970 |X| 466071
|V| 666371 -> |U| 267070
|Z| 1. 660291, 2. 660290, 3. 660289

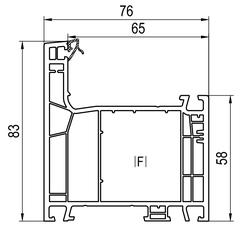


■ 160x15 (QL) MD
|A| 665016, 662017
|F| 229037
|I| 640441
|P| 269504
|Q| 267501
|V| 666371 -> |U| 267070

AD ramy

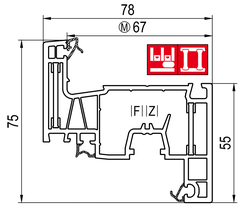


■ 160x01 (QL) AD
|A| 660301
|F| 259105, 259106, 259107, 269066
|I| 640441
|P| 269504, 269512
|Q| 267501
|U| 267070, 277070, 287070
|D| 640047 |O| 660970 |X| 466070

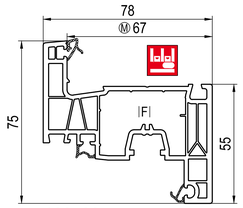


■ 160x02 (QL) AD
|A| 660301
|F| 229114, 229115, 269003
|I| 640441
|P| 269504, 269513
|Q| 267501
|U| 267070, 277070, 287070
|O| 660970 |X| 466070

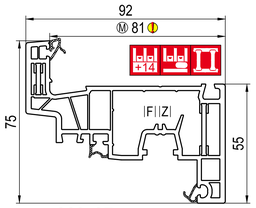
skrzydła



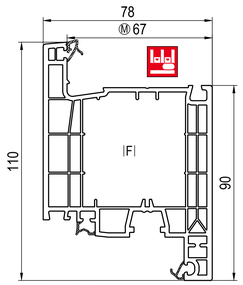
Ⓜ ■ 060x20 (QL) -> 160x70
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 269020, 269021, 269022, 269024
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 269520
|Z| 660292



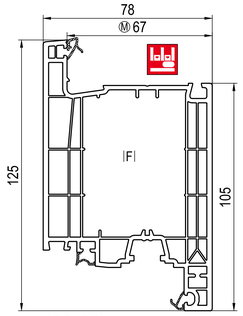
Ⓜ ■ 160x20 (QL) -> 160x70
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 269020, 269021, 269022, 269024
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 269520



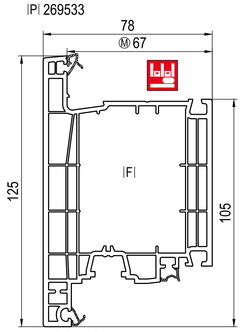
Ⓜ ■ 060x27 (QL) -> 060x77 -> MD
|A| -
|F| 269020, 269021, 269022, 269024
|I| 620440
! |J| 642261, 642262, 642263, 646265, 646266 = wklejane szyby
|P| 269527
|Z| 660292



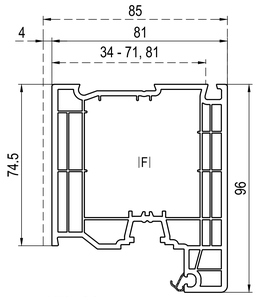
Ⓜ ■ 160x30 (QL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 269030
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 269530



Ⓜ ■ 160x33 (QL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 269033, 269034
|E| 660033 |O| 640938
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 269533

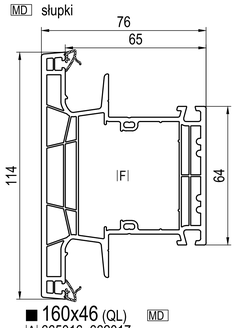


Ⓜ ■ 160x35 (QL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 269033, 269034
|E| 660033 |O| 640938
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266

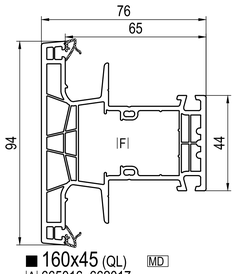


■ 170x39 (CL) -> AD
|A| 620301
|F| 229135, 229137
|I| 620440

MD słupki

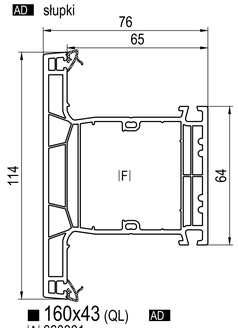


■ 160x46 (QL) MD
|A| 665016, 662017
|D| 667046, 667146
|O| 660950
|X| 669034 cza
|X| 660034 bi
|D| 640046 ~ uniwersalny
|F| 269043, 269047
|I| 640441
|P| 269543
|U| 267070, 277070, 287070
|D| 640046 |O| 660971 |X| 466075

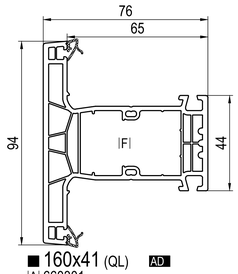


■ 160x45 (QL) MD
|A| 665016, 662017
|D| 667045, 667145
|O| 660950
|X| 669032 cza
|X| 660032 bi
|D| 640046 ~ uniwersalny
|F| 269041, 269045
|I| 640441
|P| 269541
|U| 267070, 277070, 287070
|D| 640046 |O| 660971 |X| 466074

AD słupki

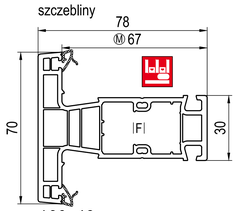


■ 160x43 (QL) AD
|A| 660301
|D| 667043, 667143
|O| 660950
|D| 640046 ~ uniwersalny
|F| 269043, 269047
|I| 640441
|P| 269543
|U| 267070, 277070, 287070
|D| 640046 |O| 660971 |X| 466072



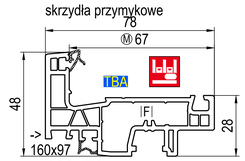
■ 160x41 (QL) AD
|A| 660301
|D| 667041, 667141
|O| 660950
|D| 640046 ~ uniwersalny
|F| 269041, 269045
|I| 640441
|P| 269541
|U| 267070, 277070, 287070
|D| 640046 |O| 660971 |X| 466073

szczebliny

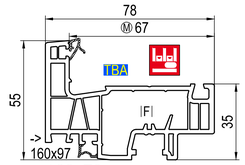


Ⓜ ■ 160x48 (QL) -> Ⓜ 67
|A| 685251, 680250, 655251, 650252, 620250, 650250
|D| 667048
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266
|P| 269548

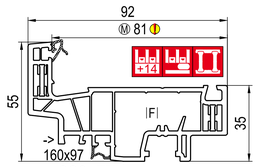
skrzydła przymykowe



Ⓜ ■ 160x74 (QL) -> 160x24
|A| 685251, 680250, 655251, 650252, 620250, 650250
|C| 660077
|F| 269036, 269037
|J| 642261, 642262, 642263, 646265, 646266
|P| 269524

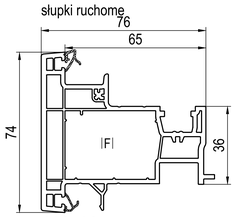


Ⓜ ■ 160x70 (QL) -> 060x20, 160x20
|A| 685251, 680250, 655251, 650252, 620250, 650250
|C| 660077
|F| 269020, 269021, 269022, 269077
|J| 642261, 642262, 642263, 646265, 646266
|P| 269520

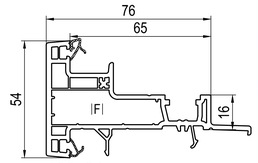


Ⓜ ■ 060x77 (QL) -> 060x27 -> MD
|A| -
|C| 660077
|F| 269020, 269021, 269022, 269077
! |J| 642261, 642262, 642263, 646265, 646266 = wklejane szyby
|P| 269527

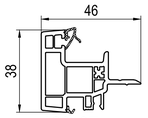
słupki ruchome



■ 160x66 (QL)
|C| 660366 + 660466
|F| 259105, 259106, 259107, 269066
|P| 269566
|C| 660566 + 660466



■ 160x64 (QL)
|C| 660364 + 660464
|F| 229063
|P| 269564
|C| 660564 + 660464



■ 160x97 (QL)
-> 060x77, 160x70, 160x74
|C| 660097
|P| 269597
|C| 660597

76 |mm|
MD 3
AD 2
5-6
AI
+14
QL

TBA w przygotowaniu (nowe lub zmieniony)

AD system z uszczelnieniem zewnętrznym
MD system z uszczelnieniem środkowym

Ⓜ 67 = wklejane szyby opcja
! Ⓜ 81 = wklejane szyby

⧄ bez okleina
■ występuje w kolorze / okleinie
■ **foam inside** -> ⧄

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
|I| ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|P| **aluskin** nakładki aluminiowe
|Q| aluminiowe osłony przylgi
|U| progi aluminiowe
|V| łączniki ramy z progiem
|X| uszczelki
|Z| pozostałe dodatki

-> do

uszczelki naprawcze						Basic Air max	REGEL-air®
standard	TPE	~ MD PVC-P	standard	TPE	opcja		
|X| 479025 cza	|X| 479015 cza	|X| 469019 cza	|X| 449340 cza	|X| 449042 cza	|X| 449343 cza	|L| 689350 cza	|L| 630315
|X| 477025 pbi	|X| 477015 pbi	|X| 467019 pbi	|X| 447340 pbi	|X| 447042 pbi	|X| 447343 pbi	|L| 687350 pbi	komplet

(CL) Classic-line
(QL) Qube-line

cza czarny
pbi papirusowa biel
bi biały

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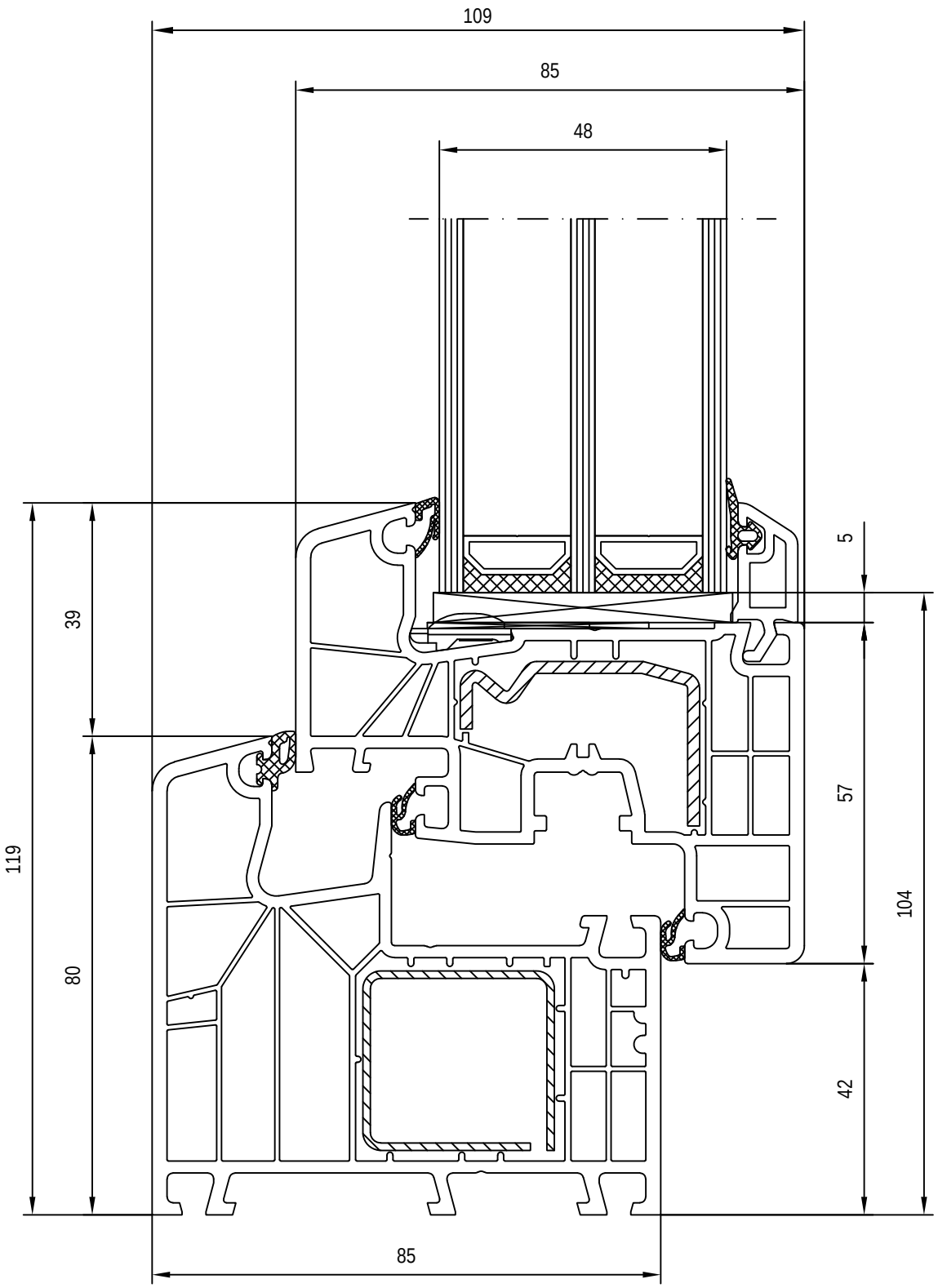
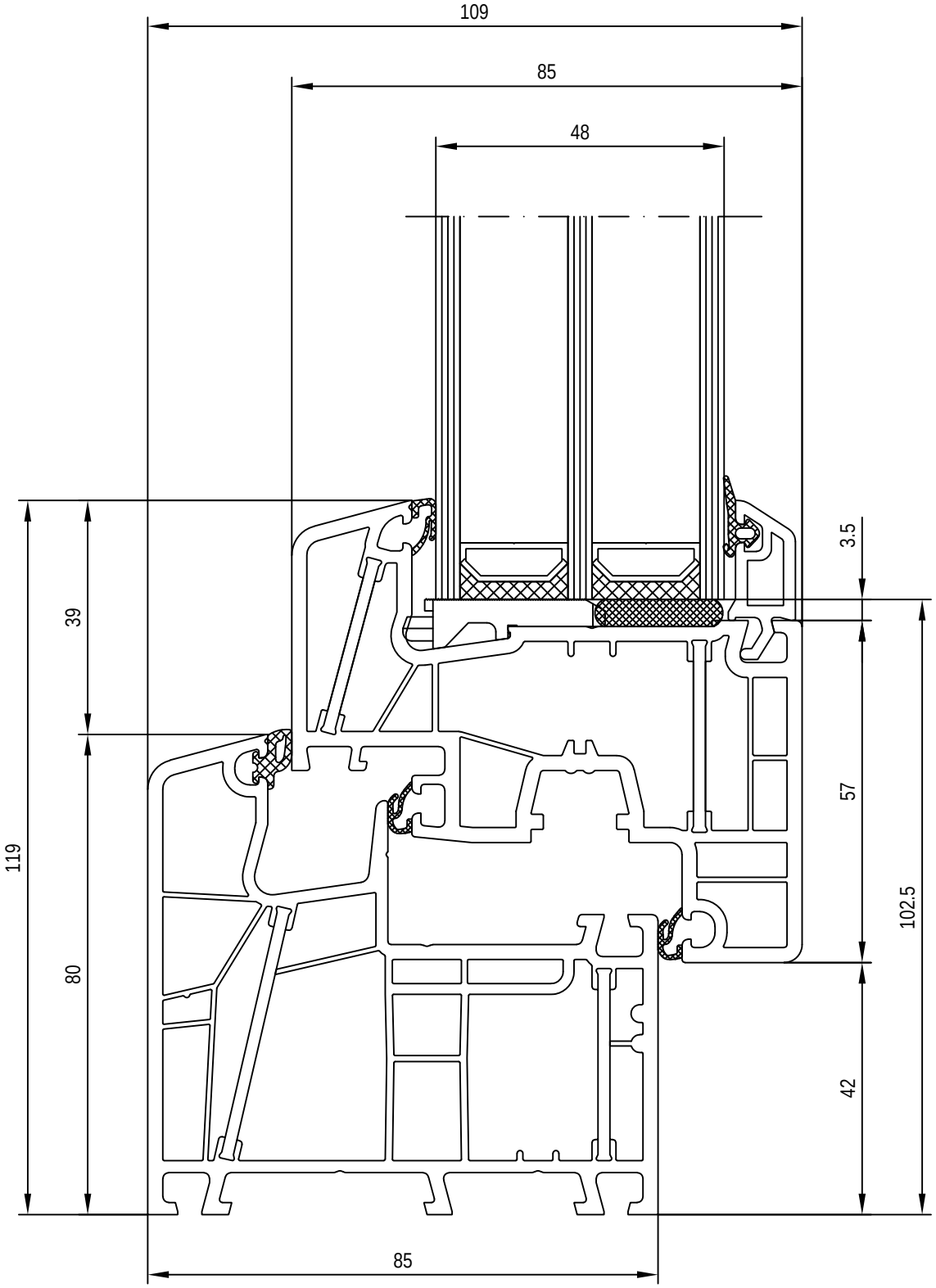


frame profile 85mm: 180x05
sash profile 85mm: 180x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 8000

profile section

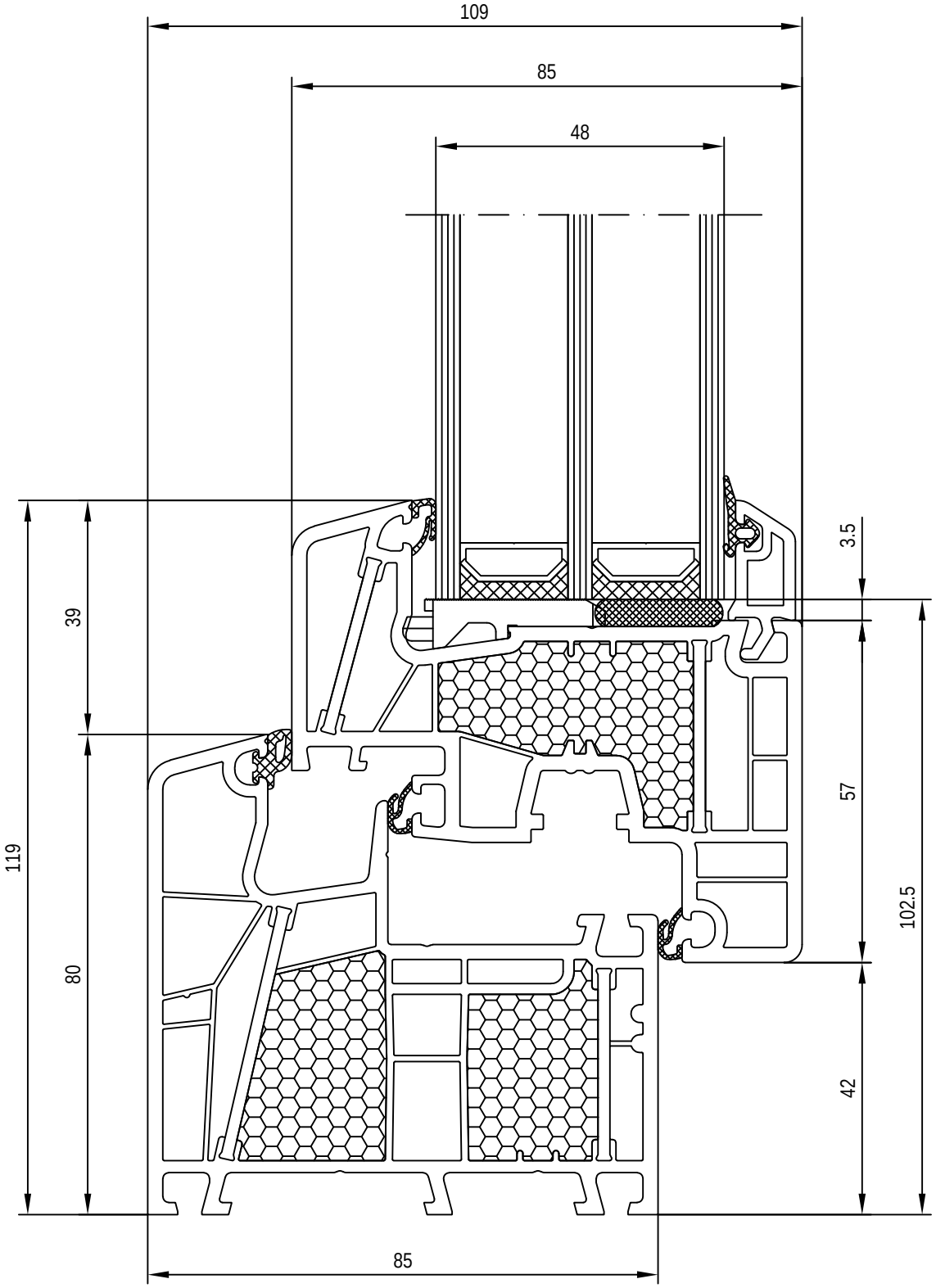


frame profile 85mm: 080x05
sash profile 85mm: 080x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 8000 - energeto 8000

profile section



frame profile 85mm: 080x05 foam
sash profile 85mm: 080x20 foam
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 8000 - energeto 8000 + foam inside

profile section

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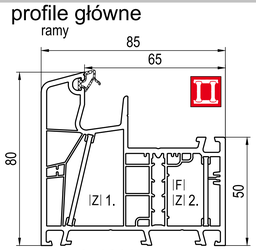
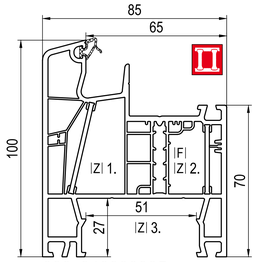
info.de@aluplast.net | www.aluplast.net

profile główne

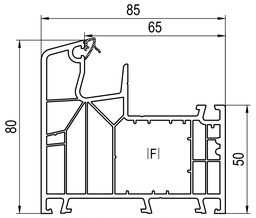
ramy



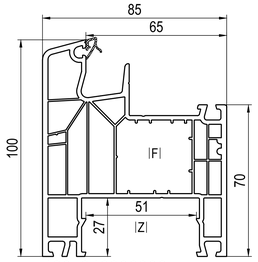
■ 080x050000095 (CL)
|A| 680016, 680321
|F| 289019
| I | 640441
|P| 289304, 289313
|P| 289504, 289513 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|O| 680970 |X| 476070
|Z| 1. 680286, 2. 680285



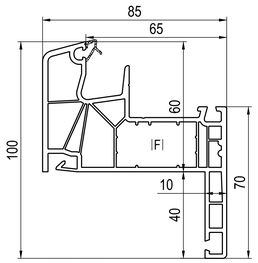
■ 080x040000095 (CL)
|A| 680016, 680321
|F| 289019
| I | 640441
|P| 289304, 289314
|P| 289504, 289514 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|O| 680970 |X| 476070
|Z| 1. 680286, 2. 680285, 3. 680289



■ 180x050000098 (CL)
|A| 680016, 680321
|F| 249014, 249015, 249016, 259105, 259106, 259107
| I | 640441
|P| 289304, 289313
|P| 289504, 289513 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|D| 640047 |O| 680970 |X| 476070

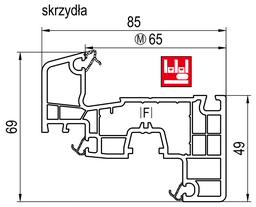


■ 180x040000098 (CL)
|A| 680016, 680321
|F| 249014, 249015, 249016, 259105, 259106, 259107
| I | 640441
|P| 289304, 289314
|P| 289504, 289514 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|D| 640047 |O| 680970 |X| 476070
|Z| 680289

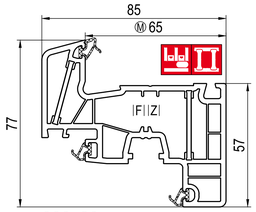


■ 180x15 (CL)
|A| 680016, 680321
|F| 229037
| I | 640441
|P| 289304
|P| 289504 (QL)
|Q| 287301, 287303

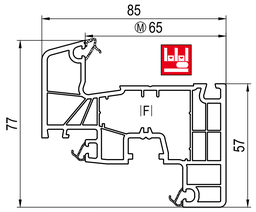
skrzydła



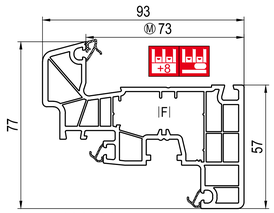
Ⓜ ■ 180x24 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 259024, 259028, 289028
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 289424



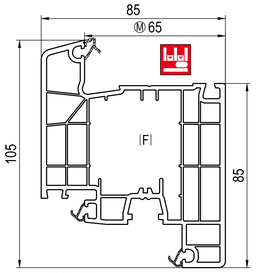
Ⓜ ■ 080x20 (CL) ->080x89
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 289420
|P| 289520 (QL)
|Z| 650295



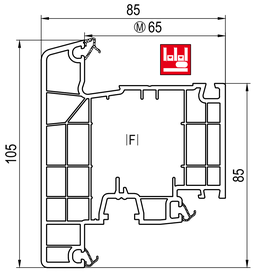
Ⓜ ■ 180x20 (CL) ->080x89
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 289420
|P| 289520 (QL)



Ⓜ ■ 180x26 (CL) ->180x69
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 289326
|P| 289526 (QL)

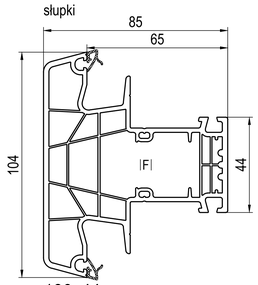


Ⓜ ■ 180x30 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 229114, 229115 *, 259031
* |E| 640031 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 289430
|P| 289530 (QL)



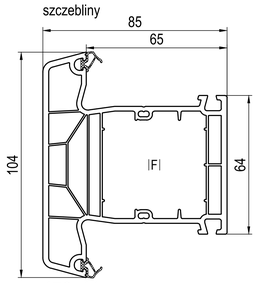
Ⓜ ■ 180x31 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 229114, 229115 *, 259031
* |E| 640031 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266

słupki

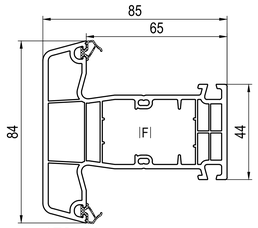


■ 180x44 (CL)
|A| 680016, 680321
|D| 687131 |Đ| 687102 ~180x0x ...
|O| 680950
|X| 659032, 659033 cza
|X| 650032, 650033 bi
|D| 640046 ~ uniwersalny
|F| 229102, 229103
| I | 640441
|P| 289343
|P| 289543 (QL)
|U| 277070, 287070
|D| 640046 |O| 680971 |X| 476072

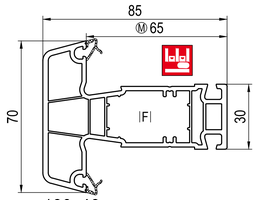
szczebliny



■ 170x44 (CL)
|A| 670301
|Đ| 677244 ~ Ⓜ 65
|Đ| 677145 |D| 677146 ~170x4x ...
|O| 670950
|D| 640046 ~ uniwersalny
|F| 249034, 249035
|P| 289343
|P| 289543 (QL)

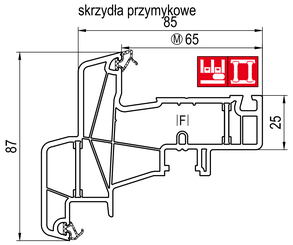


■ 170x41 (CL)
|A| 670301
|Đ| 677241 ~ Ⓜ 65
|D| 677101, 679141 ~170x4x ...
|O| 670950
|D| 650047 ~ uniwersalny
|F| 259043, 259044
|P| 289341

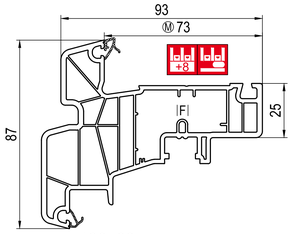


Ⓜ ■ 180x46 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|Đ| 687246 ~ Ⓜ 65
|D| 680046 ~ uniwersalny
|F| 229037
|J| 642261, 642262, 642263, 646265, 646266
|P| 289346

skrzydła przymykowe

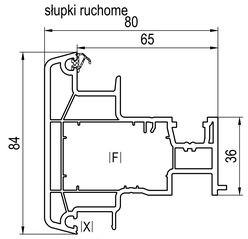


Ⓜ ■ 080x89 (CL) ->080x20, 180x20
|A| 685251, 680250, 655251, 650252, 620250, 650250
|C| 680029
|F| 289089
|J| 642261, 642262, 642263, 646265, 646266
|P| 289489
|P| 289589 (QL) + |C| 682229

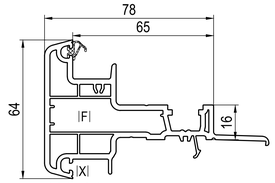


Ⓜ ■ 180x69 (CL) ->180x26
|A| 685251, 680250, 655251, 650252, 620250, 650250
|C| 680029
|F| 259020, 259021, 259022, 259026
|J| 642261, 642262, 642263, 646265, 646266
|P| 289369
|P| 289569 (QL) + |C| 682229

słupki ruchome



■ 180x66 (CL)
|C| 680066
|F| 229029, 229030, 289066
|P| 249341
|P| 289566 (QL) + |C| 682266
|X| 447340, 449340, 447042, 449042



■ 180x64 (CL)
|C| 680064
|F| 229063
|P| 259365
|P| 289564 (QL) + |C| 682264
|X| 447340, 449340, 447042, 449042

MD system z uszczelnieniem środkowym

Ⓜ wklejane szyby opcja

▨ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka z kołnierzami
|Đ| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
|H| dodatki montażowe
| I | ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|P| aluskin nakładki aluminiowe
|Q| aluminiowe osłony przylgi
|U| progi aluminiowe
|X| uszczelki
|Z| pozostałe dodatki

-> do

uszczelki naprawcze		+ MD	+ MD	+ MD	Basic Air max	REGEL-air®	Basic Air plus®
standard	TPE	standard	TPE	opcja			
|X| 479025 cza	|X| 479015 cza	|X| 449340 cza	|X| 449042 cza	|X| 449343 cza	|L| 689350 cza	|L| 630315	|L| 650000
|X| 477025 pbi	|X| 477015 pbi	|X| 447340 pbi	|X| 447042 pbi	|X| 447343 pbi	|L| 687350 pbi	komplet	-> MD

(CL) Classic-line
(QL) Qube-line

cza czarny
pbi papirusowa biel
bi biały

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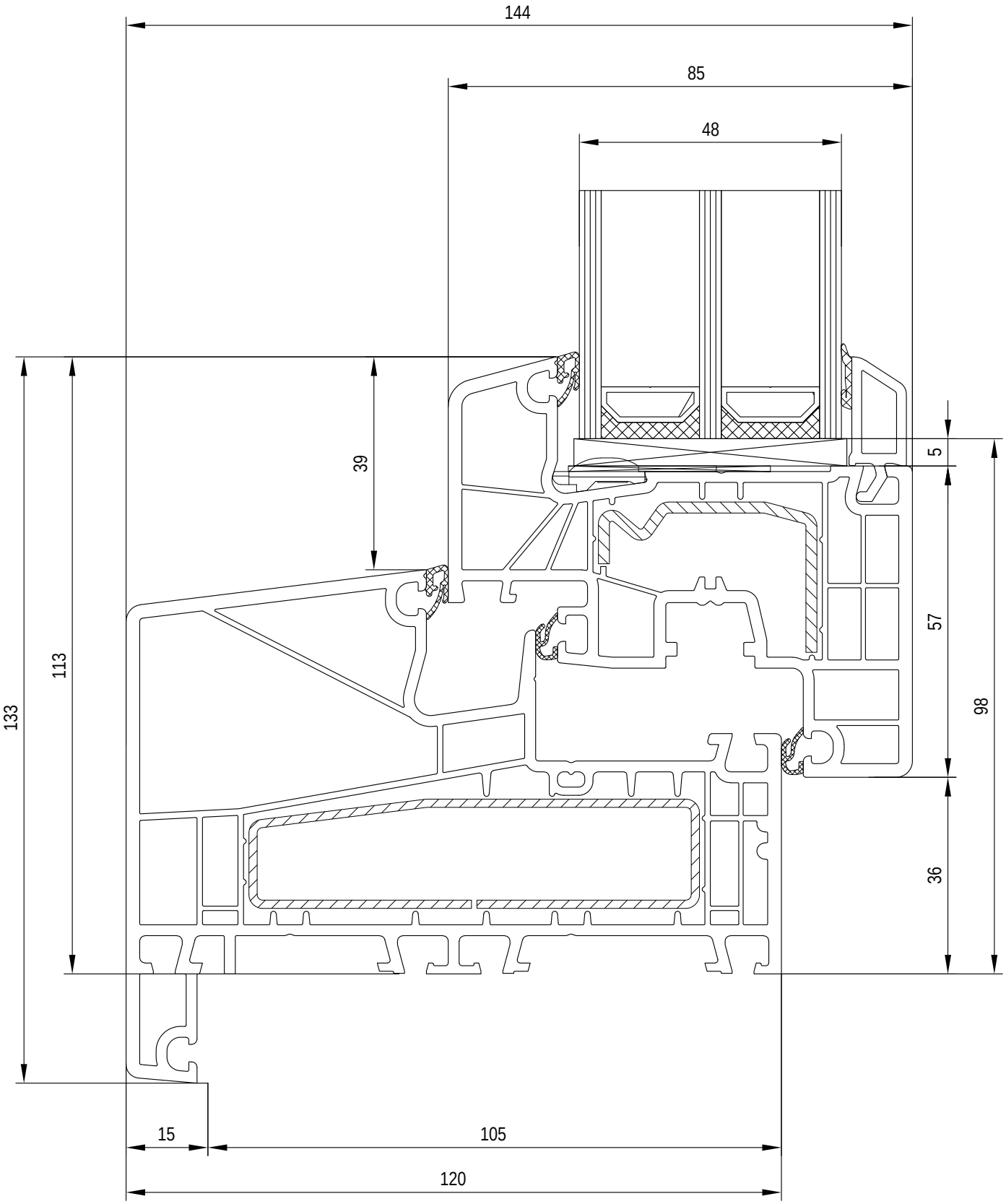

frame profile 120mm: 180x54
sash profile 85mm: 180x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 8000 NL

profile section

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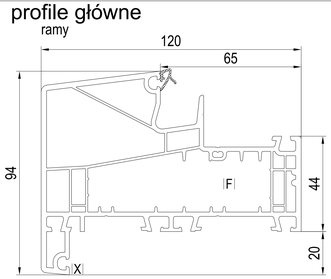
IDEAL 8000® NL

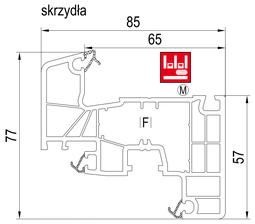
profile główne

ramy



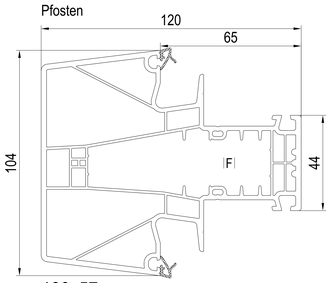
■ 180x54 (CL)(NL)
■ 188x54 (CL)(NL)
A 680016, 680321, 650321
F 279053, 279054, 279055
U 249058
X 447340, 449340, 447042, 449042

skrzydła

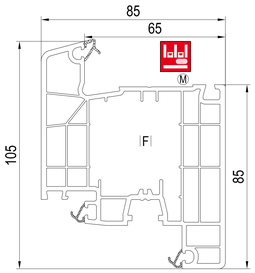


M ■ 180x20 (CL)
M ■ 188x20 (CL)
M A 650250, 650252, 655251, 680250, 685251 oder M J
F 259020, 259021, 259026, 289021
M J 642261, 642262, 642263, 646265, 646266

Pfosten

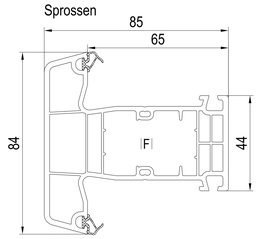


■ 180x57 (CL)(NL)
■ 188x57 (CL)(NL)
A 680016, 680321, 650321
D 687131 D 687102 ~180x0x ...
D 640046 ~ universal
X 659032, 659033 cza
X 650032, 650033 we
F 279053, 279054, 279055
U 249058
X 480057, 489057



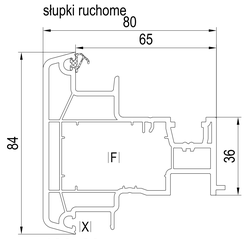
M ■ 180x30 (CL)
M ■ 188x30 (CL)
M A 650250, 650252, 655251, 680250, 685251 oder M J
F 229114, 229115, 259031
M J 642261, 642262, 642263, 646265, 646266

Sprossen



■ 170x41 (CL)
■ 178x41 (CL)
A 670301
M D 677241 ~ M ...
D 677101, 679141 ~170x4x ...
D 620046, 640046 ~ universal
F 259043, 259044

słupki ruchome



■ 180x66 (CL)
■ 188x66 (CL)
C 680066
F 229029, 229030, 289066
X 447340, 449340, 447042, 449042

profil

xx0xxx ~ RAL 9016 = biały

xx8xxx ~ RAL 9001 = kremowy

xxx3xx = uszczelka: czarna

xxx4xx = uszczelka: papirusowa

listwy przyszybowe
profile dodatkowe
dodatki
= kremowy na specjalne zamówienie

M wklejana szyba opcja

nie występuje w kolorze (brak okleiny)
■ występuje w kolorze (okleina)

A mostek szklenia
C zaślepka
D łącznik
D łącznik bez kołnierzy
F wzmocnienie
J wklejana szyba
U próg aluminiowy
X uszczelka

-> do

(CL) Classic-line

(NL) IDEAL 8000 NL

cza czarny
pap papirusowy

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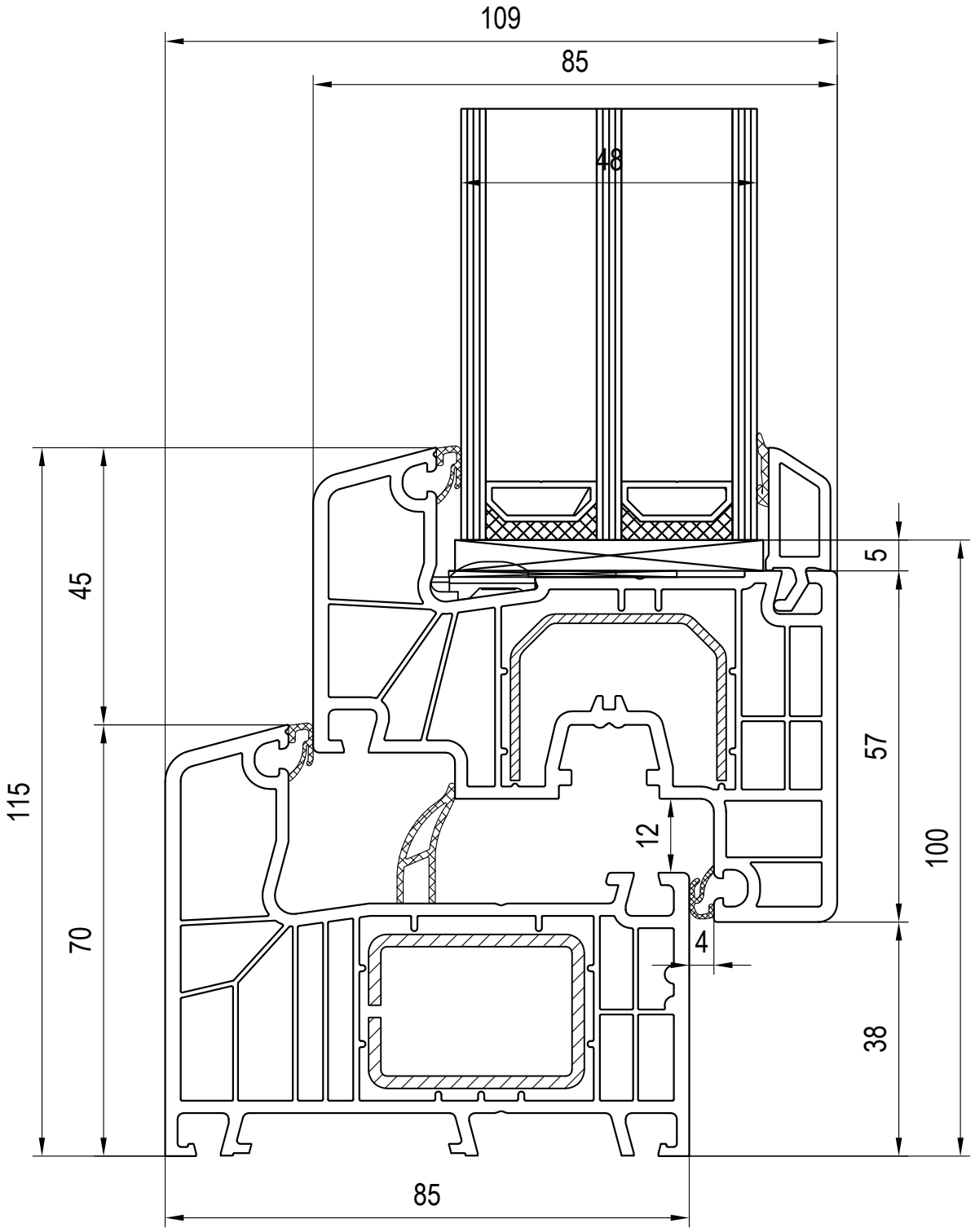

Ⓜ -> |A| mostek szklenia

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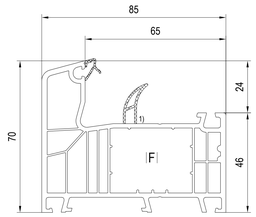
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

INTERTEC_85

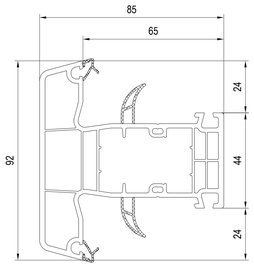
profile główne

rama



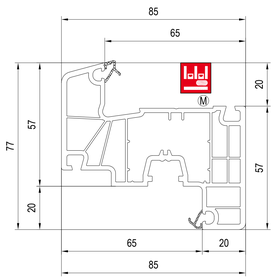
■ 010x20
A 670301
F 229029, 229030, 229023, 229025, 229024, 229026, 249026,

słupek



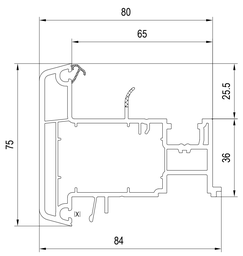
■ 010x23
A 670301
F 259043, 259044
D 617034
X 612033, 610033 ~ 617034

skrzydło



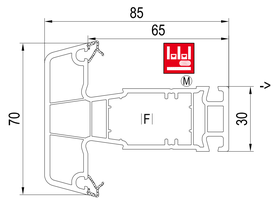
■ 110x21
M A 650250, 650251
F 229023, 229025, 229024, 229026, 249026
M J 642262, 642261, 642263, 640033, 640034, 640035, 640113, 640019, 640012, 640013,

słupek ruchomy



■ 110x65
C 610065, 611065
F 229029, 229030, 289066
X 447340, 449340

szpros



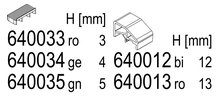
M ■ 180x46 (CL)
M A 650250, 650252, 655251, 680250, 685251 oder M J
M D 687246 ~ M ...
D 680046 ~ universal
F 229037
M J 642261, 642262, 642263, 646265, 646266

dodatki

A podkładki do szklenia

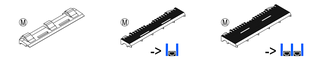
650250 -> 110x21, 180x46
650251 -> 110x21, 180x46
670301 -> 010x20, 010x23

J podkładki do wklejania szyby
-> 140x94



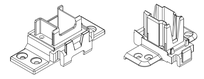
	H [mm]		H [mm]
640033 ro	3	640012 bi	12
640034 ge	4	640013 ro	13
640035 gn	5		

	H [mm]		H [mm]
640113 ro	13	640015 bi	12
		640019 ge	14



642230 cza
642233 cza
642232 cza

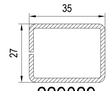
D łącznik
D łącznik bez kołnierzy



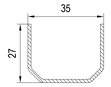
~35.4x17.9x1000 mm

D 617034 -> 010x20, 010x23
D 687246 M -> 110x21, 180x46
D 680046 -> 110x21, 180x46

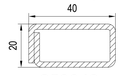
F wzmocnienie (...) = Ix



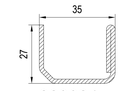
(2.4)229029 s=1.25
(3.6)229030 s=2.0
-> 010x20, 110x65



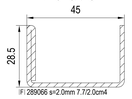
(2.3)229023 s=1.5
(1.6)229025 s=1.0
-> 010x20, 110x21



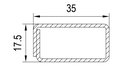
(3.8)259043 s=1.5
(5.6)259044 s=2.5
-> 010x23



(2.9)229024 s=1.5
(3.8)229026 s=2.0
(5.1)249026 s=3.0
-> 010x20, 110x21



(7.7)289066 s=2.0
-> 110x65



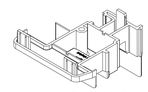
(2.5)229037 s=1.5
-> 180x46

X uszczelki

447340 cza
449340 pbi
-> 610065

X 612033 cza
X 610033 bi
-> 010x23

C zaślepka



C 610065
-> 110x65

bez okleina
■ ozdobnik
A podkładka do szklenia
C zaślepka
D łącznik bez kołnierzy
D łącznik
F wzmocnienie
J podkładki do wklejania szyby
X uszczelka

cza czarna
pbi papierowa biel

-> dla

(CL) Classic-line

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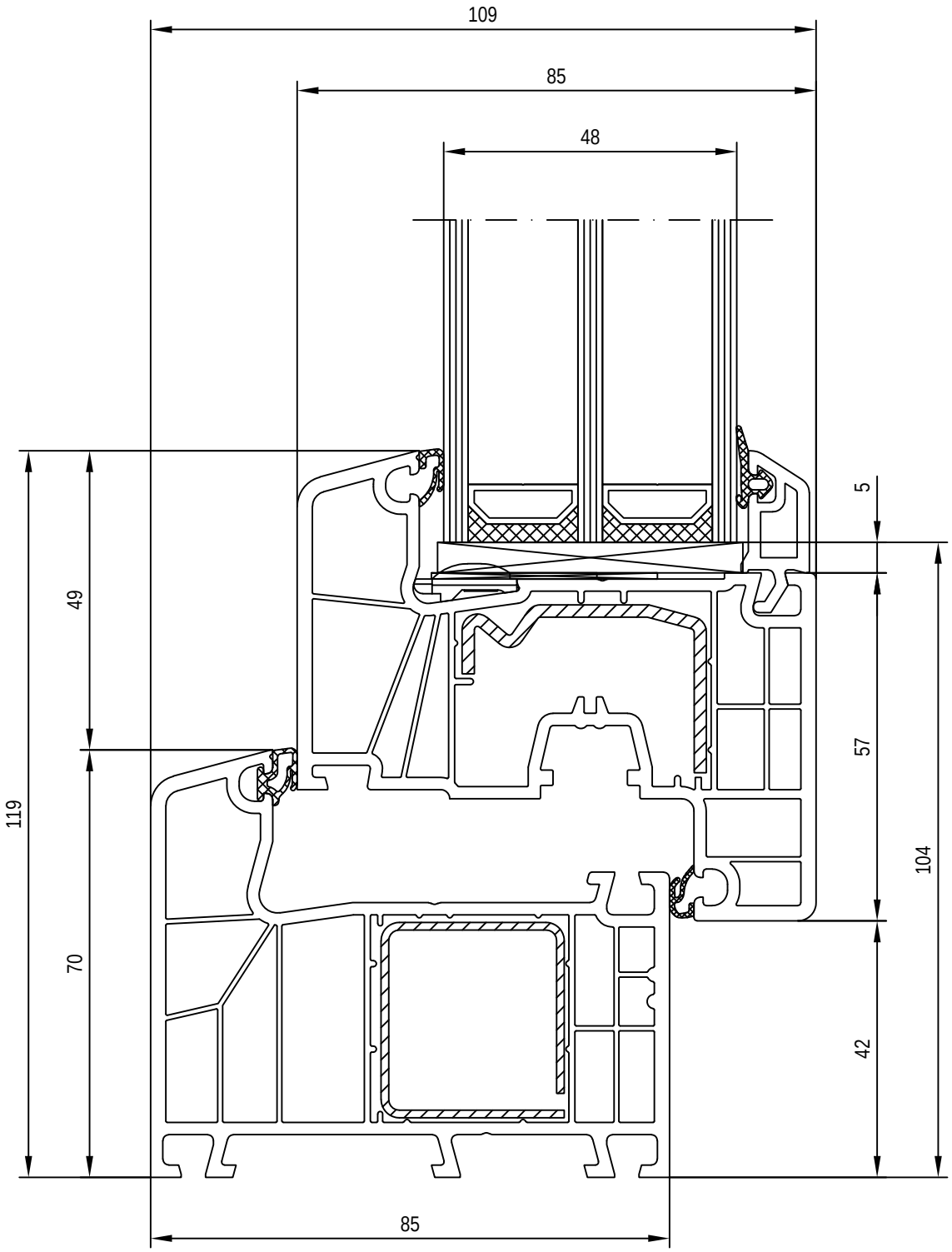

frame profile 85mm: 170x02
sash profile 85mm: 170x20
glazing bead: 120632

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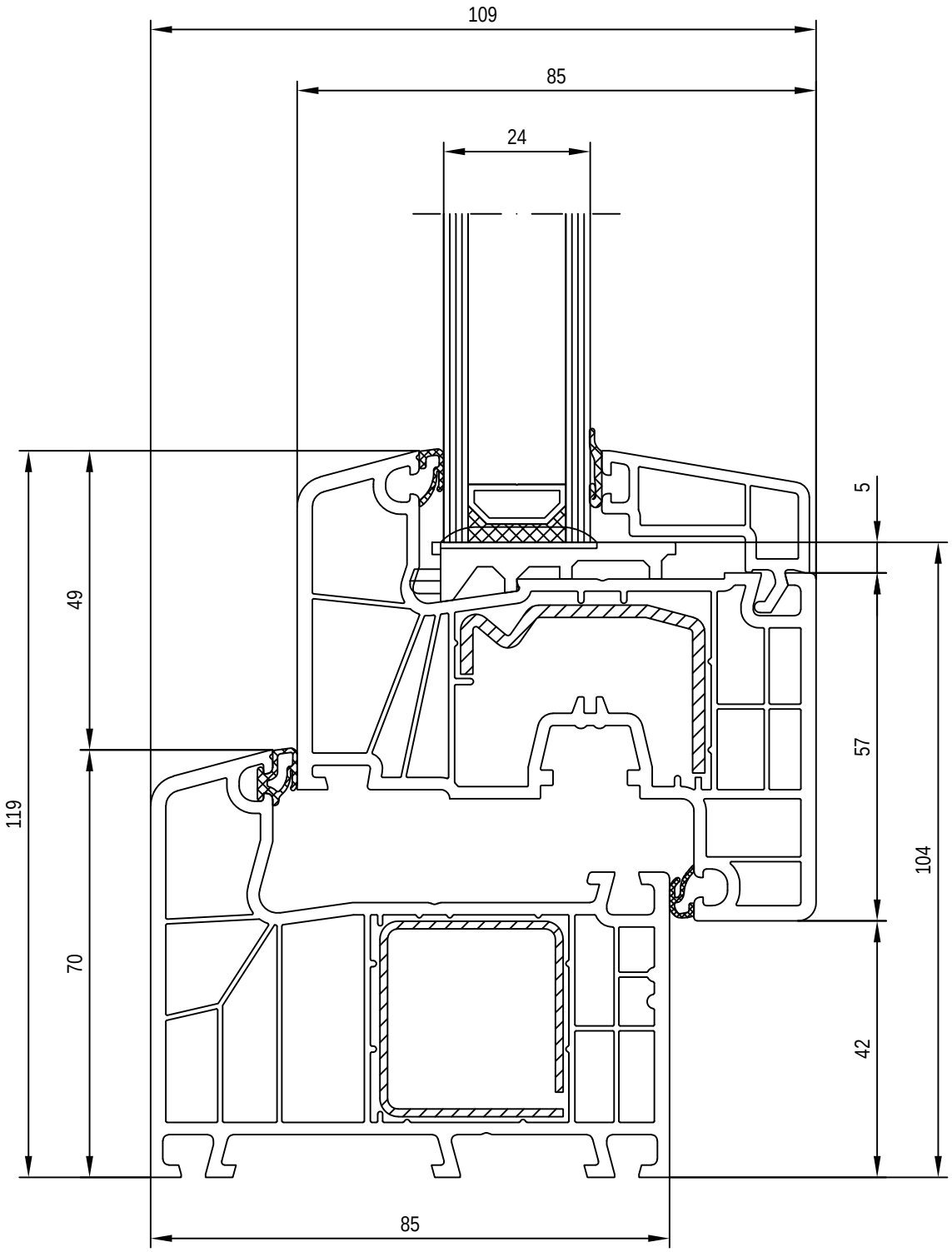
Kunststoff-Fenstersysteme

IDEAL 7000

profile section

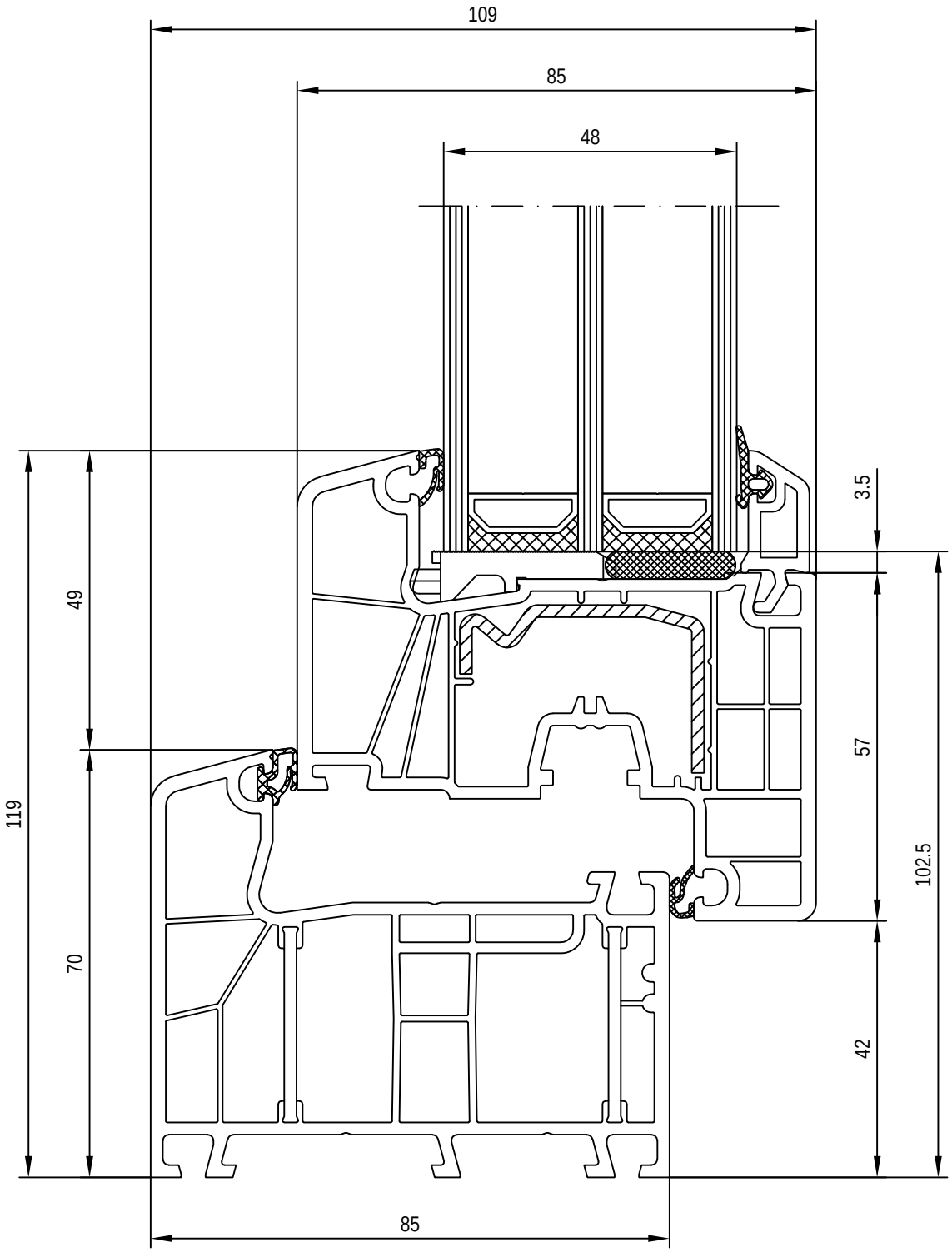


frame profile 85mm: 170x02
sash profile 85mm: 170x20
glazing bead: 120640

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000

profile section

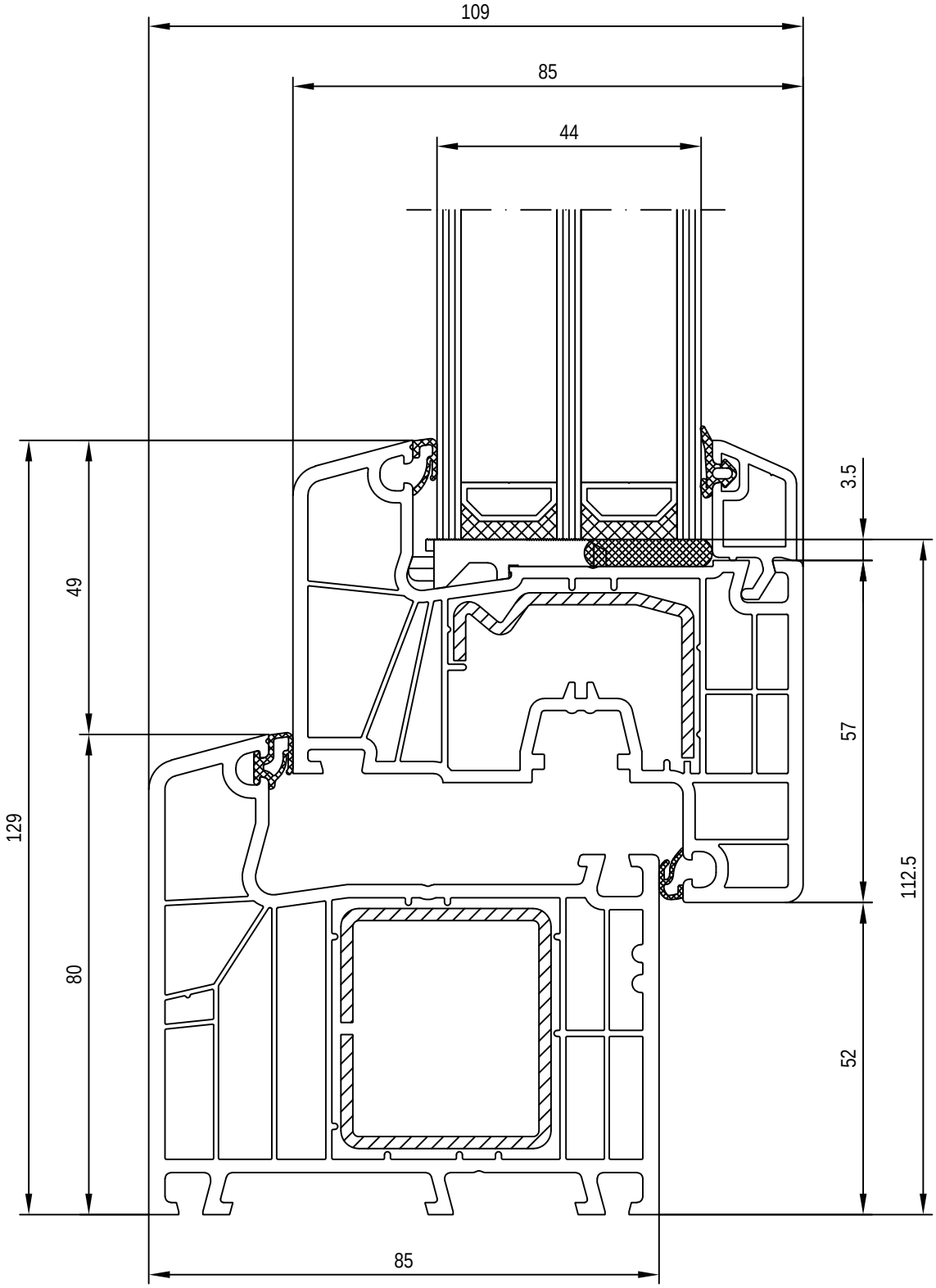


frame profile 85mm: 070x02
sash profile 85mm: 170x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000

profile section

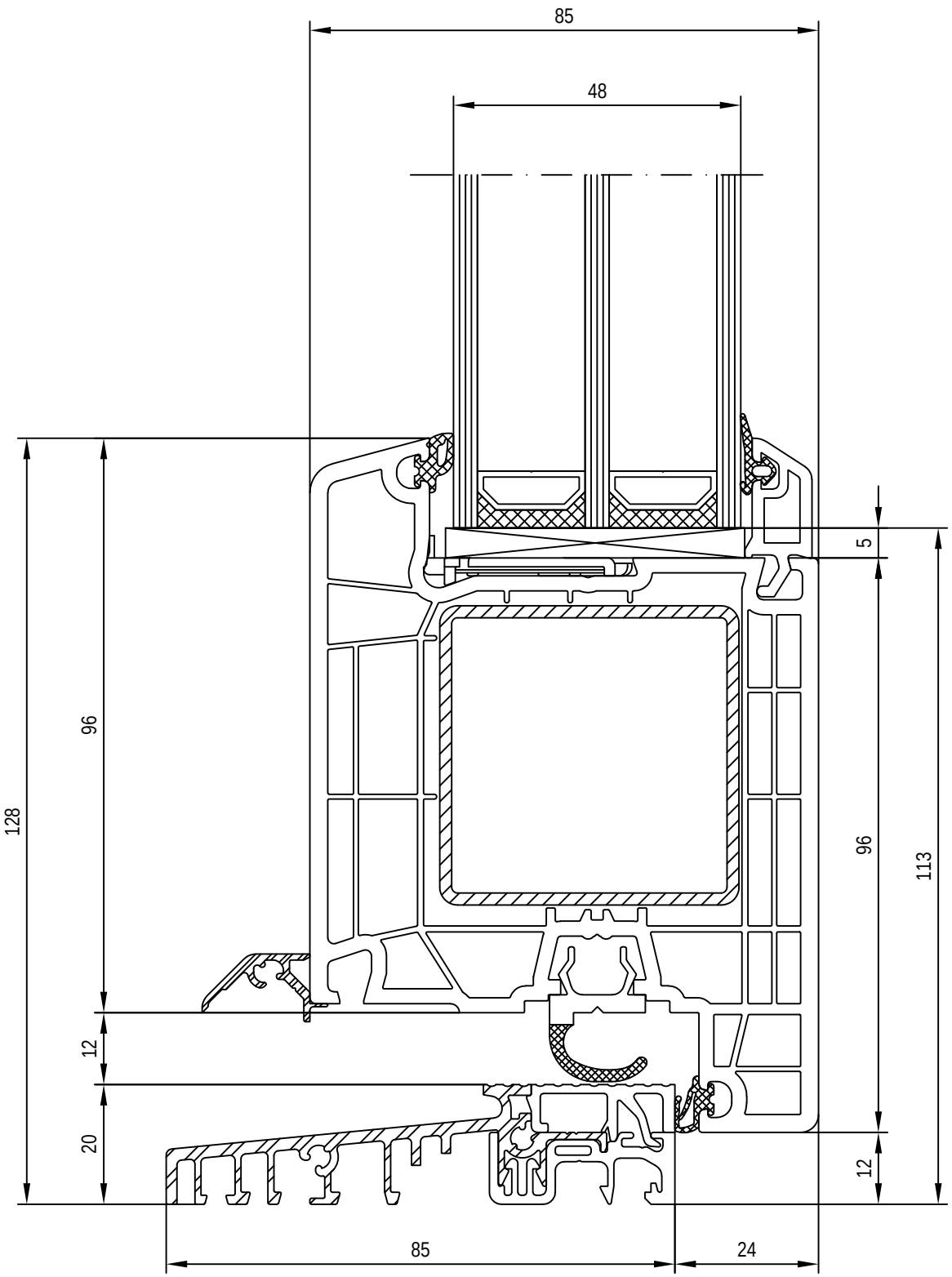


frame profile 85mm: 170x03
sash profile 85mm: 170x20
glazing bead: 120633

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000

profile section

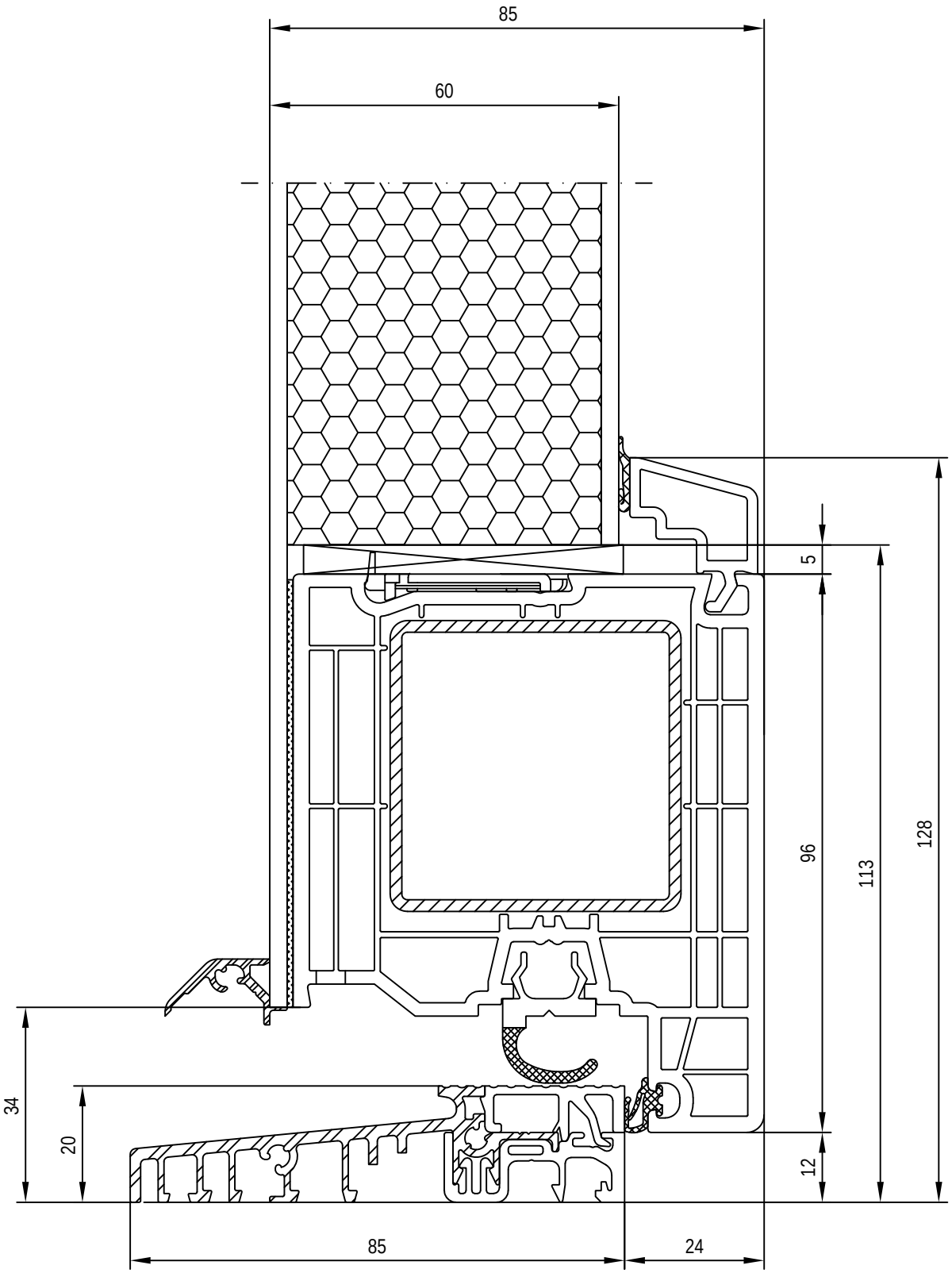


sash profile 85mm: 170x33
threshold profile 85mm: 269060
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000 Doors / Thresholds

profile section



sash profile 70mm: 170x39
threshold profile 70mm: 269060
glazing bead: 120636

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000 - Doors / Thresholds

profile section

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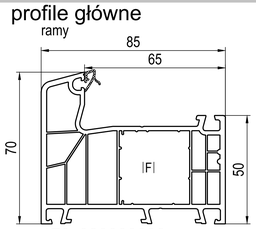
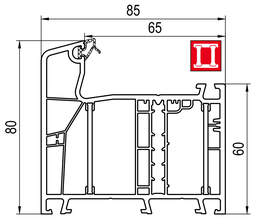
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

profile główne

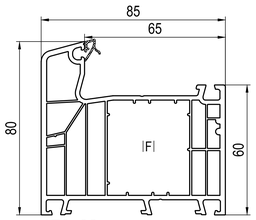
ramy



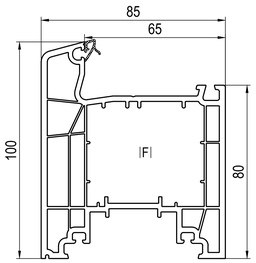
■ 170x020000098 (CL)
|A| 670301
|F| 249014, 249015, 249016, 259105, 259106, 259107
| I | 640441
|P| 279402, 289304
|P| 289504 (QL)
|Q| 287301, 287303



■ 070x030000095 (CL)
|A| 670301
| I | 640441
|P| 289304, 289313
|P| 289504, 289513 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|O| 680970 |X| 476070

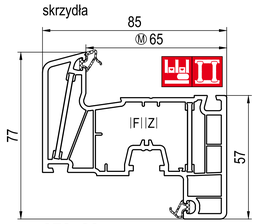


■ 170x03 (CL)
|A| 670301
|F| 229017, 229114, 229115, 229120
| I | 640441
|P| 289304, 289313
|P| 289504, 289513 (QL)
|Q| 287301, 287303
|U| 277070, 287070
|D| 670047 |O| 680970 |X| 476070

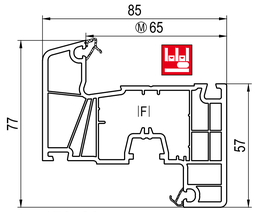


■ 170x81 (CL)
|A| 670301
|F| 229125, 229126
| I | 640441
|P| 279381, 289304
|P| 289504 (QL)
|Q| 287301, 287303

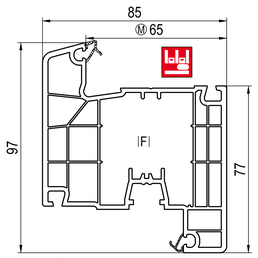
skrzydła



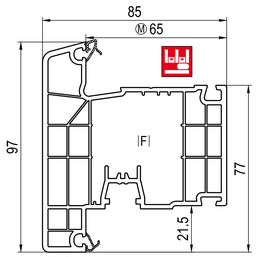
Ⓜ ■ 070x20 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 249016, 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 279420
|Z| 650295



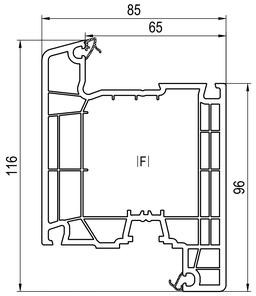
Ⓜ ■ 170x20 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 249016, 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 279420



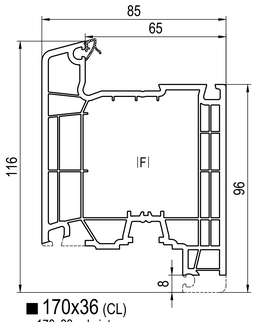
Ⓜ ■ 170x30 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 249029 *, 279028, 279029
* |E| 640029 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 279430



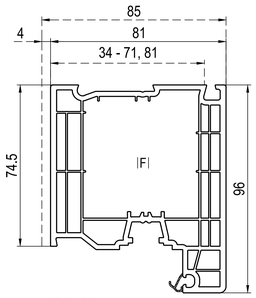
Ⓜ ■ 170x31 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 249029 *, 279028, 279029
* |E| 640029 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266



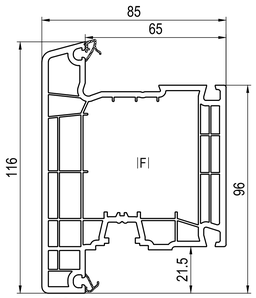
■ 170x33 (CL)
|A| 620301, 625305
|F| 229135, 229137
|E| 640038 |O| 640938
| I | 620440
|P| 279433



■ 170x36 (CL)
= 170x33 obcięty
|A| 620301, 625305
|F| 229135, 229137
|E| 640038 |O| 640938
| I | 620440

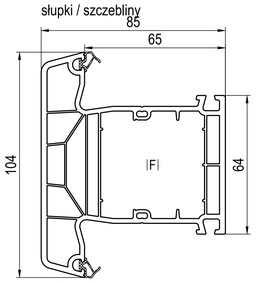


■ 170x39 (CL)
|A| 620301
|F| 229135, 229137
|E| 640038 |O| 640938
| I | 620440

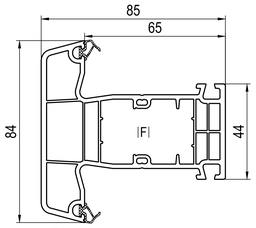


■ 170x35 (CL)
|A| 620301, 625305
|F| 229135, 229137
|E| 640038 |O| 640938
| I | 620440

słupki / szczeblinY

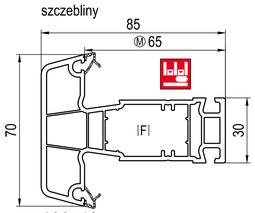


■ 170x44 (CL)
|A| 670301
|Ø| 677244 ~ Ⓜ 65
|Ø| 677145 |D| 677146 ~170x4x ...
|Ø| 677144 ~170x3x ...
|O| 670950
|D| 640046 ~ uniwersalny
|F| 249034, 249035
| I | 640441
|P| 289343
|P| 289543 (QL)
|U| 277070, 287070
|D| 640046 |O| 680971 |X| 476072



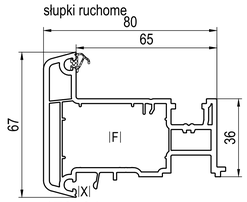
■ 170x41 (CL)
|A| 670301
|Ø| 677241 ~ Ⓜ 65
|D| 677101, 679141 ~170x4x ...
|Ø| 677142 ~170x3x ...
|O| 670950
|D| 650047 ~ uniwersalny
|F| 259043, 259044
| I | 640441
|P| 289341
|U| 277070, 287070
|D| 650047 |O| 680971 |X| 476073

szczebliny

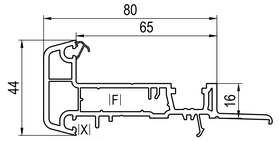


Ⓜ ■ 180x46 (CL)
|A| 685251, 680250, 655251, 650252, 620250, 650250
|Ø| 687246 ~ Ⓜ 65
|D| 680046 ~ uniwersalny
|F| 229037
|J| 642261, 642262, 642263, 646265, 646266
|P| 289346

słupki ruchome



■ 170x64 (CL)
|C| 670064
|F| 229029, 229030, 289066
|P| 279364
|X| 447340, 449340, 447042, 449042



■ 170x65 (CL)
|C| 670365 + 670465
|F| 259080
|X| 447340, 449340, 447042, 449042

uszczelki naprawcze					Basic Air max	REGEL-air®
standard	TPE	standard	TPE	opcja		
|X| 479025 cza	|X| 479015 cza	|X| 449340 cza	|X| 449042 cza	|X| 449343 cza	|L| 689350 cza	|L| 630315
|X| 477025 pbi	|X| 477015 pbi	|X| 447340 pbi	|X| 447042 pbi	|X| 447343 pbi	|L| 687350 pbi	komplet

AD system z uszczelnieniem zewnętrznym

Ⓜ wklejane szyby opcja

▨ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka z kołnierzami
|Ø| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
| I | ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|P| **aluskin** nakładki aluminiowe
|Q| aluminiowe osłony przylgi
|U| progi aluminiowe
|X| uszczelki
|Z| pozostałe dodatki

-> do

(CL) Classic-line
(QL) Qube-line

cza czarny
pbi papirusowa biel

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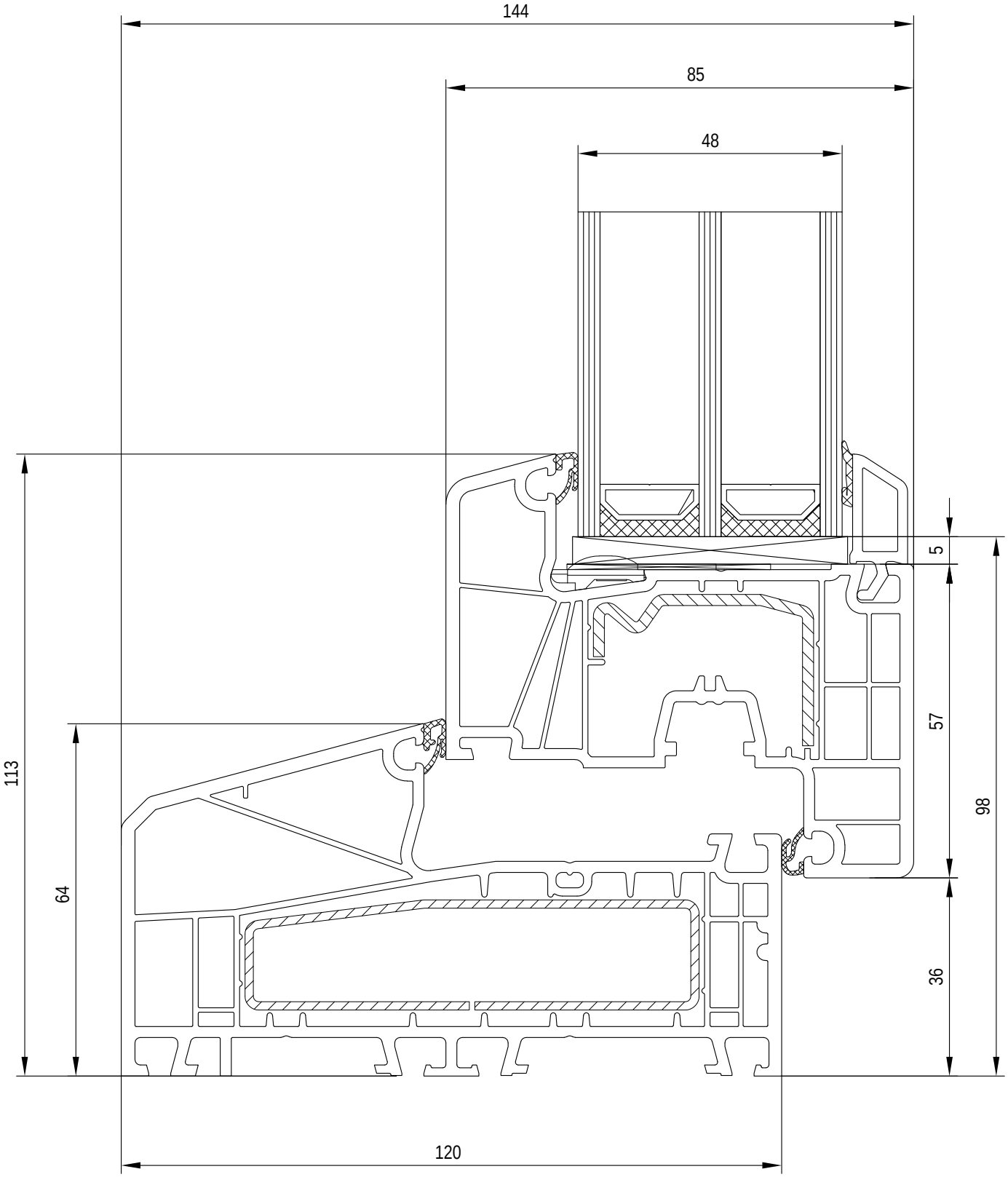
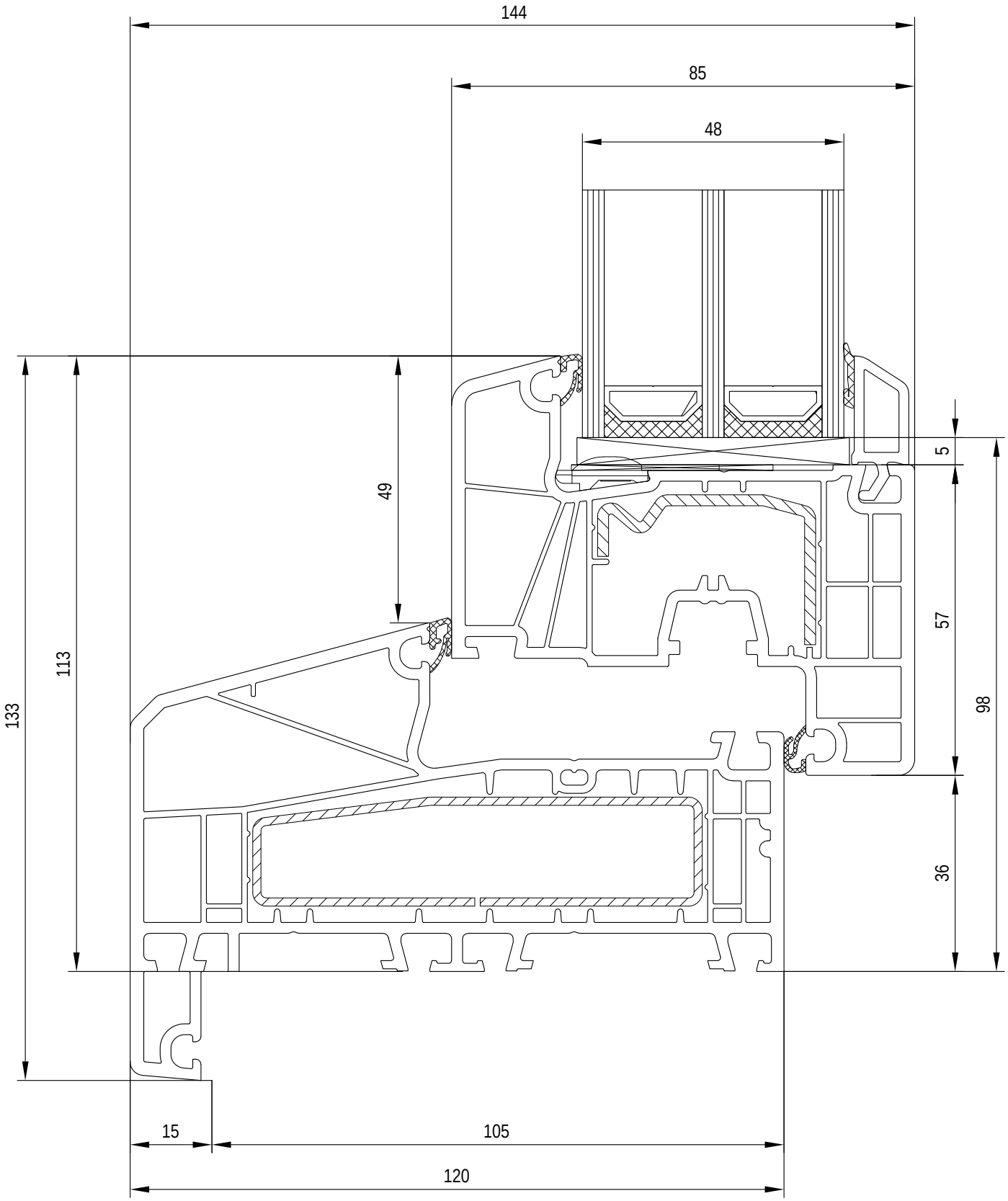


frame profile 120mm: 170x53
sash profile 85mm: 170x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000 NL

profile section



frame profile 120mm: 170x54
sash profile 85mm: 170x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000 NL

profile section

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fon: +49 721 47171-0 | fax: -999
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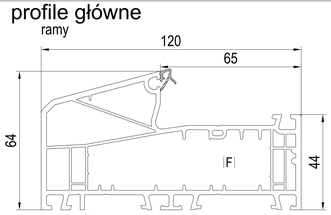
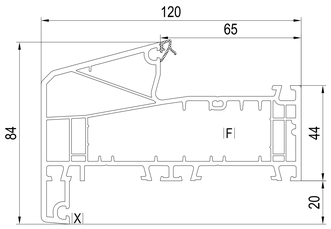
IDEAL 7000® NL

profile główne

ramy

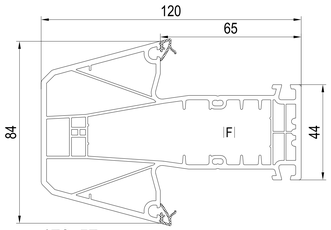


■ 170x53 (CL)(NL)
■ 178x53 (CL)(NL)
A 670301
F 279053, 279054, 279055
U 249058



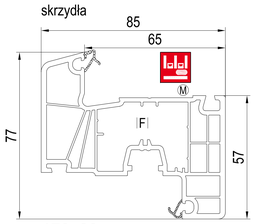
■ 170x54 (CL)(NL)
■ 178x54 (CL)(NL)
A 670301
F 279053, 279054, 279055
U 249058
X 447340, 449340, 447042, 449042

Pfosten

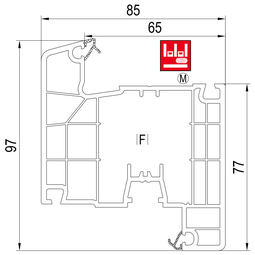


■ 170x57 (CL)(NL)
■ 178x57 (CL)(NL)
A 670301
D 677101, 679141 ~170x4x ...
X 470057, 479057
D 620046, 640046 ~universal
F 279053, 279054, 279055
U 249058

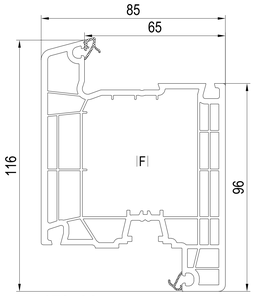
skrzydła



M ■ 170x20 (CL)
M ■ 178x20 (CL)
M A 650250, 650252, 655251, 680250, 685251 oder M J
F 249016, 259020, 259021, 259026, 289021
M J 642261, 642262, 642263, 646265, 646266

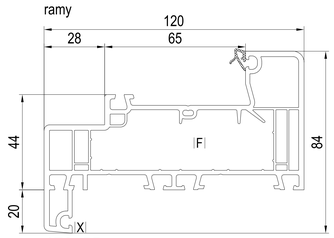


M ■ 170x30 (CL)
M ■ 178x30 (CL)
M A 650250, 650252, 655251, 680250, 685251 oder M J
F 209192, 209193
M J 642261, 642262, 642263, 646265, 646266



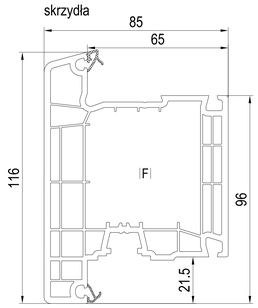
■ 170x33 (CL)
■ 178x33 (CL)
A 620301, 620305
F 229135, 229137

ramy



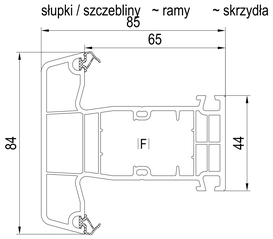
■ 170x55 (CL)(NL)
■ 178x55 (CL)(NL)
A 670301
F 279053, 279054, 279055
X 447340, 449340, 447042, 449042

skrzydła



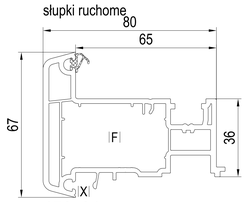
■ 170x35 (CL)
■ 178x35 (CL)
A 620301, 620305
F 229135, 229137

słupki / szczebliny ~ ramy ~ skrzydła



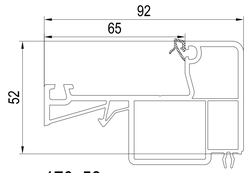
■ 170x41 (CL)
■ 178x41 (CL)
A 670301
M D 677241 ~ M ...
D 677101, 679141 ~170x4x ...
D 677142 ~170x3x ...
D 620046, 640046 ~universal
F 259043, 259044

słupki ruchome



■ 170x64 (CL)
■ 178x64 (CL)
C 670064
F 229029, 229030, 289066
X 447340, 449340, 447042, 449042

profile dodatkowe



■ 170x58 (CL)(NL)
■ 178x58 (CL)(NL)
A 670301
->170x53
->170x54
->170x57

144256 (NL)
->170x55

profil

xx0xxx ~ RAL 9016 = biały
xx8xxx ~ RAL 9001 = kremowy
xxx3xx = uszczelka: czarna
xxx4xx = uszczelka: papirusowa

listwy przyszybowe
profile dodatkowe
dodatki
= kremowy na specjalne zamówienie

M wklejana szyba opcja

nie występuje w kolorze (brak okleiny)
■ występuje w kolorze (okleina)

A mostek szklenia
C zaślepka
D łącznik
D łącznik bez kołnierzy
F wzmocnienie
J wklejana szyba
U próg aluminiowy
X uszczelka

-> do

(CL) Classic-line

(NL) IDEAL 7000 NL

cza czarny
pap papirusowy

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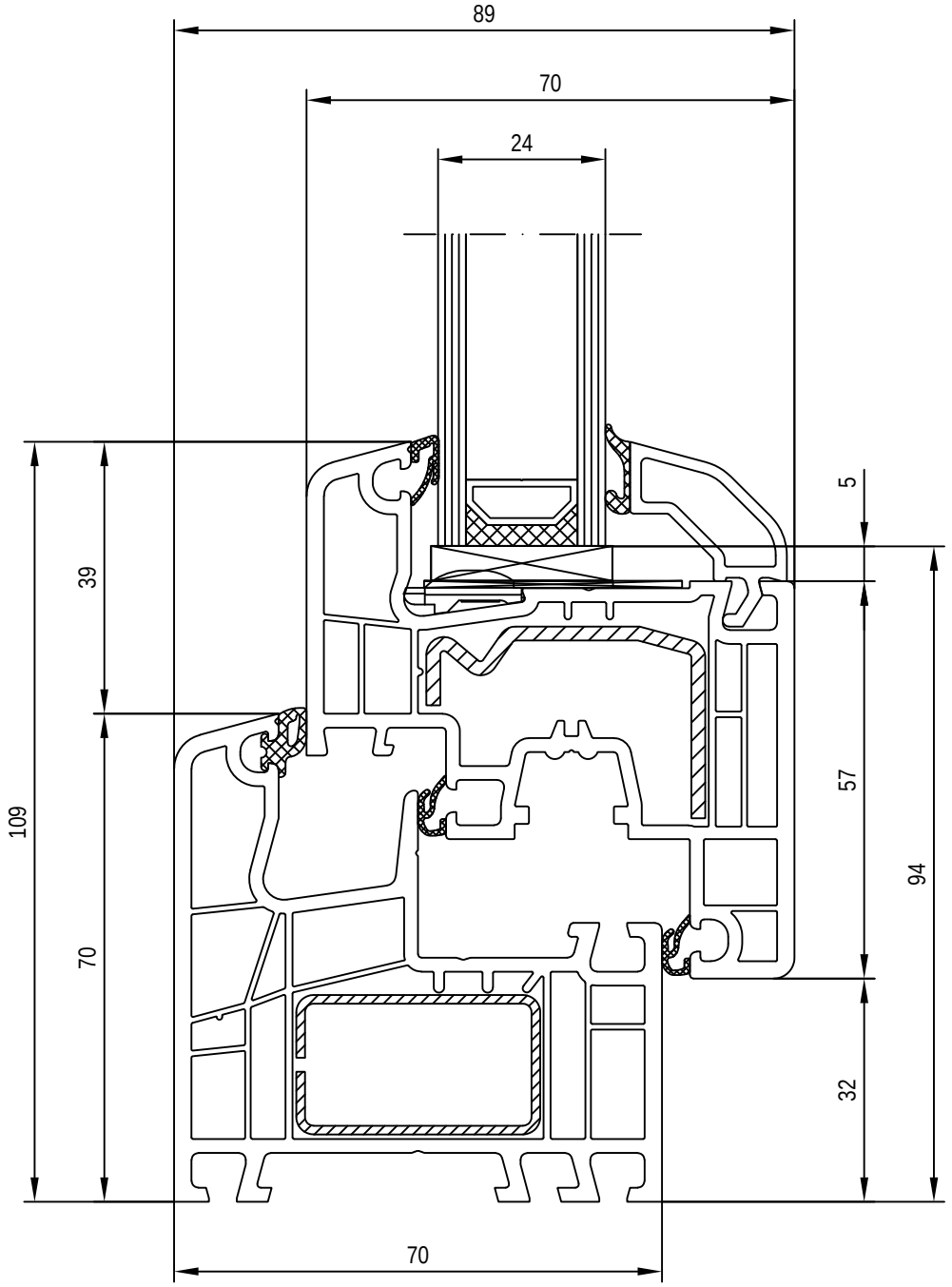
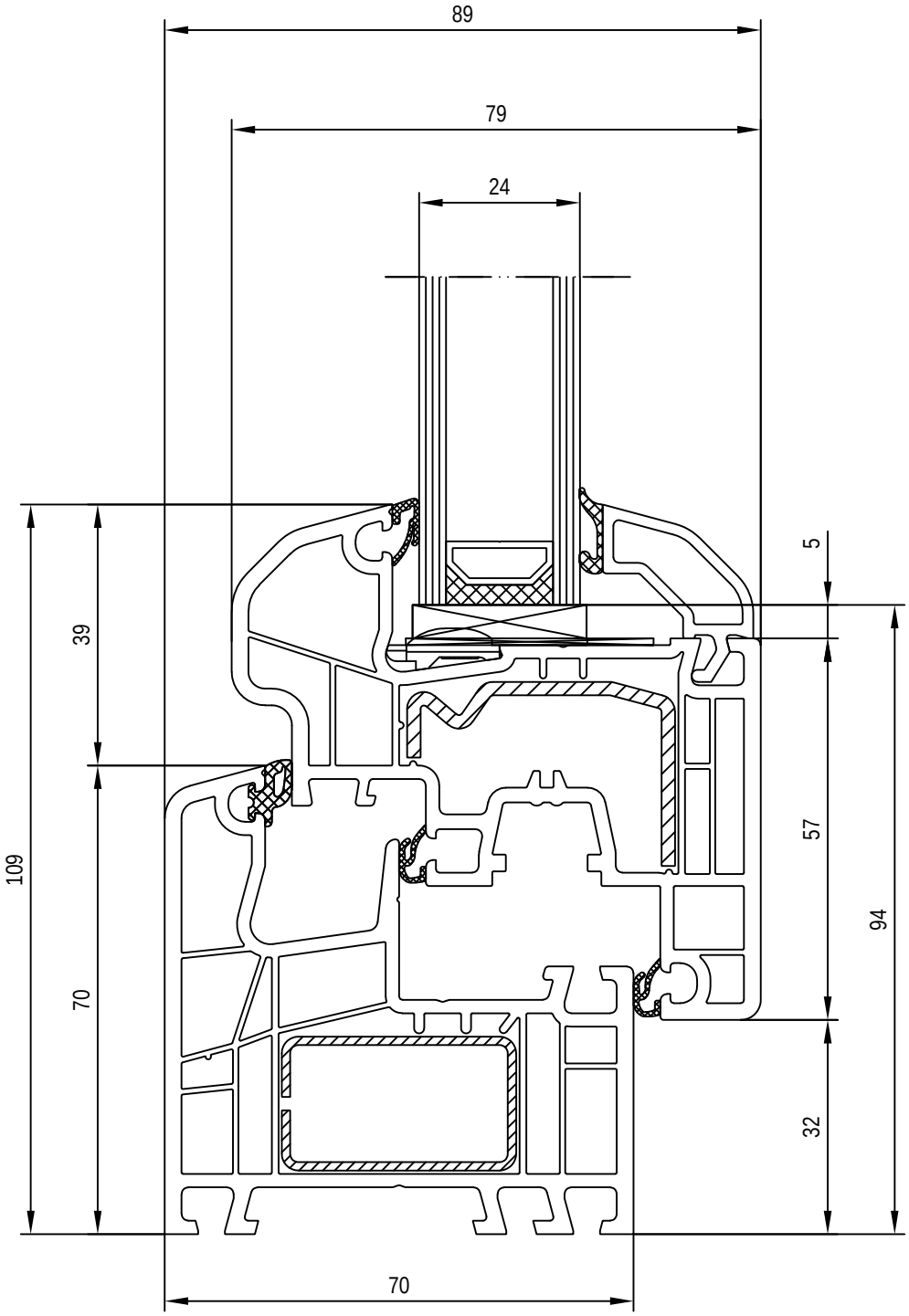


frame profile 70mm: 150x02
sash profile 70mm: 150x20
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000

profile section

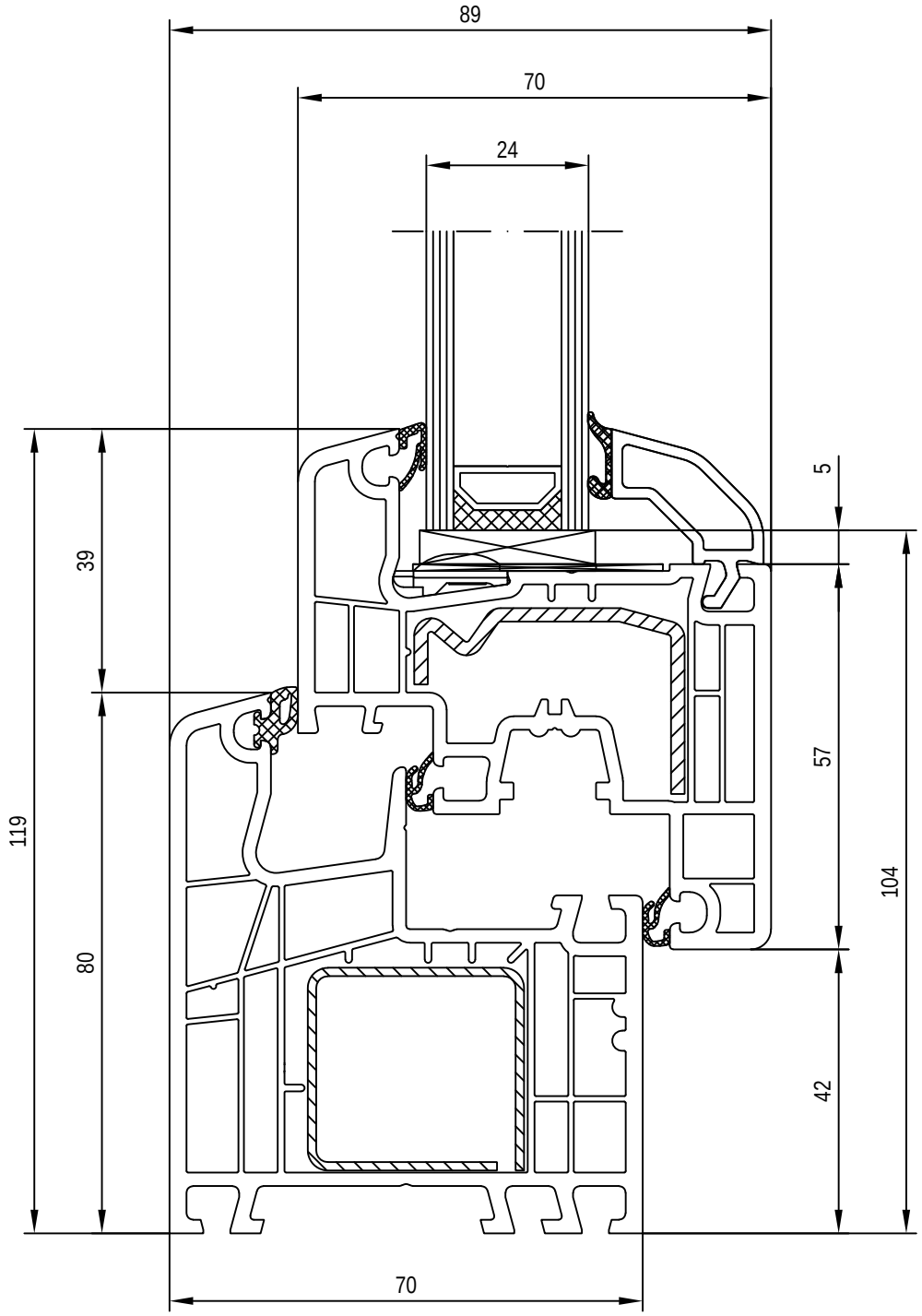


frame profile 70mm: 150x02
sash profile 79mm: 150x26
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000

profile section

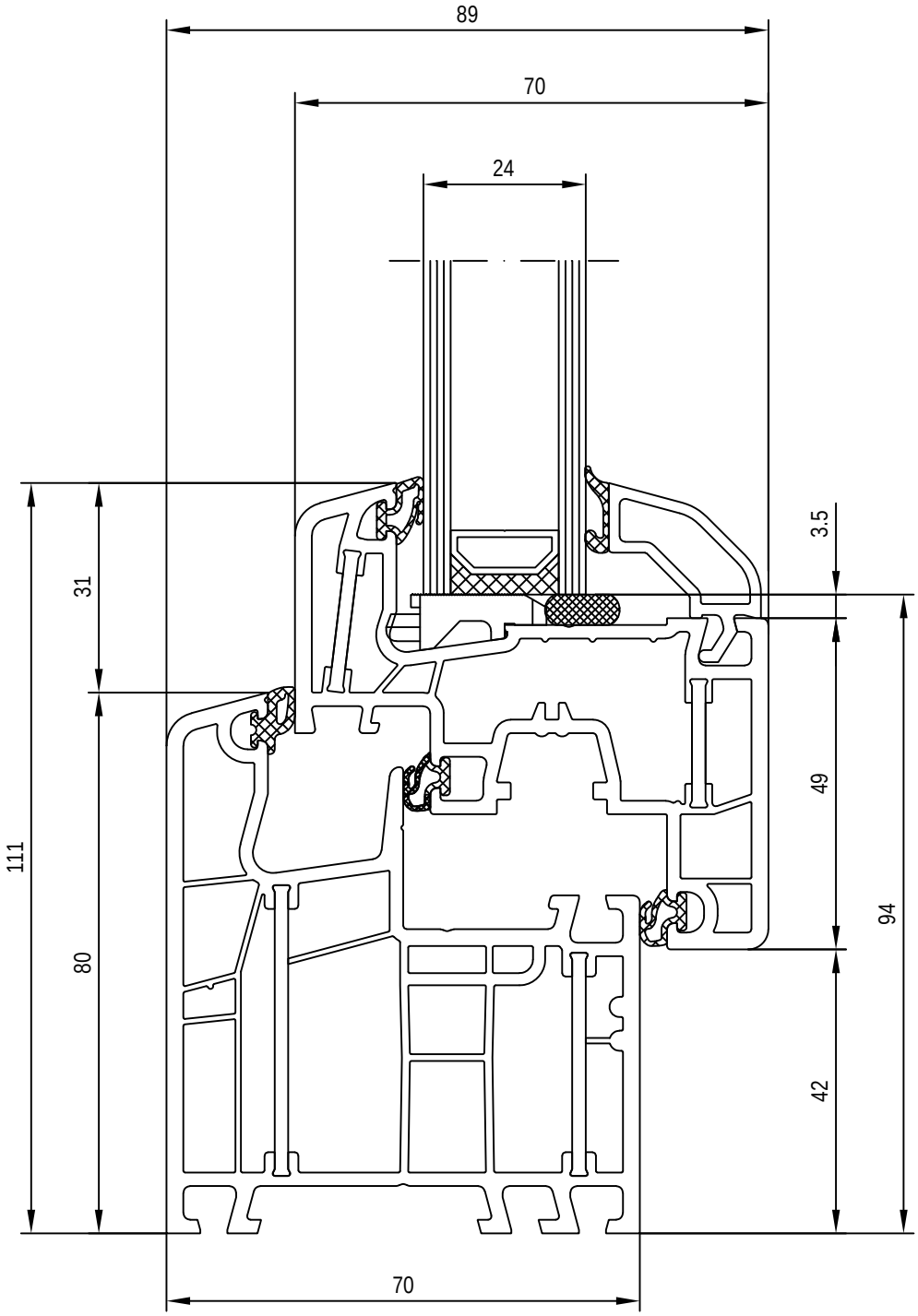


frame profile 70mm: 150x03
sash profile 70mm: 150x20
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000

profile section

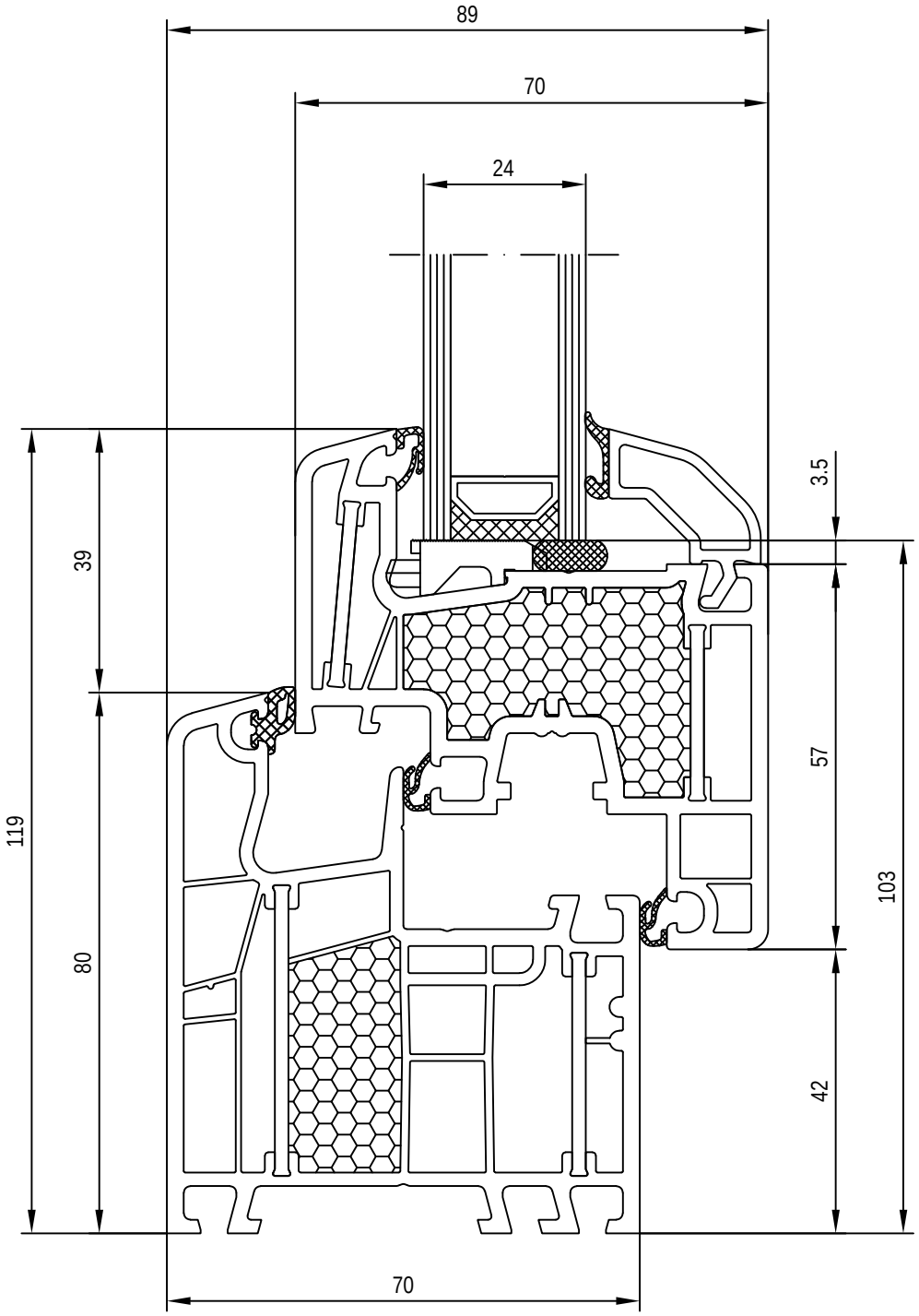


frame profile 70mm: 050x03
sash profile 70mm: 050x24
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000 - energeto 5000

profile section



frame profile 70mm: 050x03 foam
sash profile 70mm: 050x20 foam
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000 - energeto 5000 + foam inside

profile section

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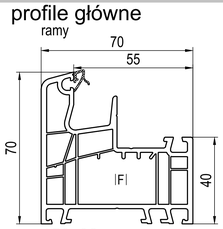
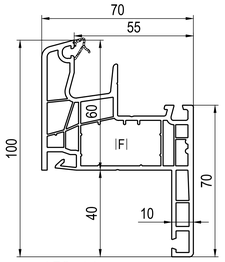
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

profile główne

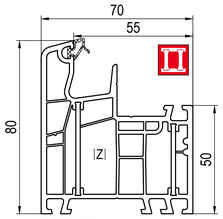
ramy



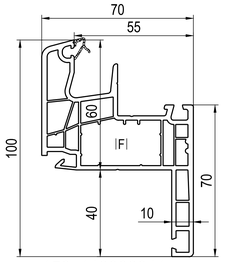
■ 150x02 (CL)
|A| 650016, 650321
|F| 229098, 229100, 229101, 249004
|I| 640441
|P| 249312, 259304
|Q| 227300, 227303



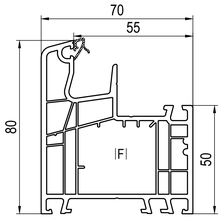
■ 150x11 (CL)
|A| 650016, 650321
|F| 229037
|I| 640441
|P| 259304
|Q| 227300, 227303



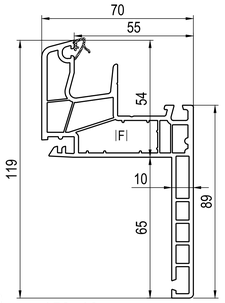
■ 050x03 (CL)
|A| 650016, 650321
|I| 640441
|P| 249313, 259304
|Q| 227300, 227303
|Z| 650290
|U| 247070, 267070, 277070, 287070
|O| 650970 |X| 446070



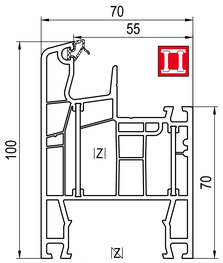
■ 150x110000011 (CL)
|A| 650016, 650321
|F| 229037
|I| 640441
|P| 259304
|Q| 227300, 227303



■ 150x03 (CL)
|A| 650016, 650321
|F| 249014, 249015, 249016, 259105, 259106, 259107
|I| 640441
|P| 249313, 259304
|Q| 227300, 227303
|U| 247070, 267070, 277070, 287070
|D| 640047 |O| 650970 |X| 446070

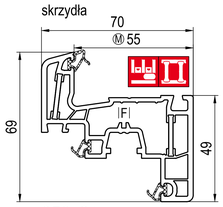


■ 150x10 (CL)
|A| 650016, 650321
|F| 229045
|I| 640441
|P| 259304, 259310
|Q| 227300, 227303

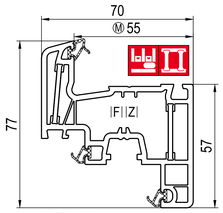


■ 050x04 (CL)
|A| 650016, 650321
|I| 640441
|P| 249314, 259304
|Q| 227300, 227303
|Z| 650290 |Z| 650292

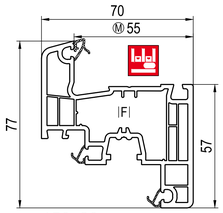
skrzydła



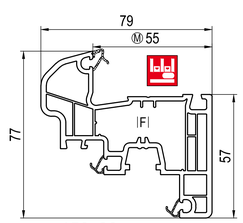
Ⓜ ■ 050x24 (CL)
|A| 655251, 650252, 620250, 650250
|F| 259024, 259028
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 259424



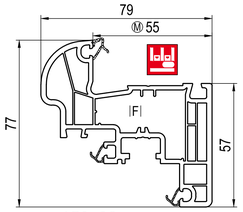
Ⓜ ■ 050x20 (CL) ->150x68
|A| 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 259450
|Z| 650295



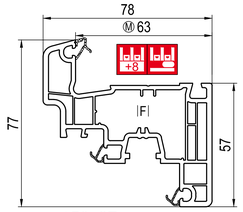
Ⓜ ■ 150x20 (CL) ->150x68
|A| 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 259450



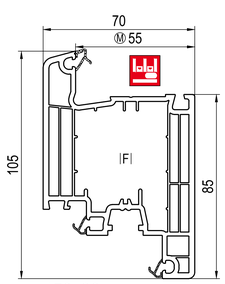
Ⓜ ■ 150x26 (CL) -> 150x69
|A| 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266



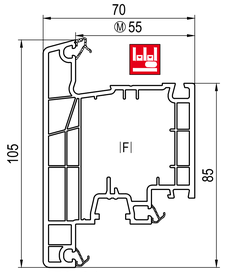
Ⓜ ■ 150x22 (RL)
|A| 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266



Ⓜ ■ 150x27 (CL) -> 140x48
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 259020, 259021, 259022, 259026, 289021
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266

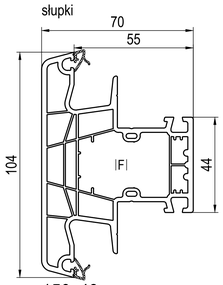


Ⓜ ■ 150x30 (CL)
|A| 655251, 650252, 620250, 650250
|F| 229114, 229115 *, 259031
* |E| 640031 |O| 640938
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 259430



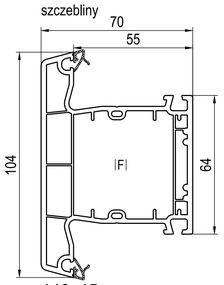
Ⓜ ■ 150x31 (CL)
|A| 655251, 650252, 620250, 650250
|F| 229114, 229115 *, 259031
* |E| 640031 |O| 640938
|I| 620440
|J| 642261, 642262, 642263, 646265, 646266

słupki

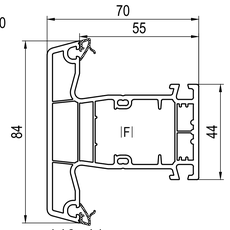


■ 150x43 (CL)
|A| 650016, 650321
|D| 657130, 657134 ~150x0x ...
|Ď| 657030 ~150x0x ...
|O| 650950
|X| 659032, 659033 cza
|X| 650032, 650033 bi
|D| 650047 ~ uniwersalny
|F| 259043, 259044
|I| 640441
|P| 249343
|U| 247070, 267070, 277070, 287070
|D| 650047 |O| 640971 |X| 446072

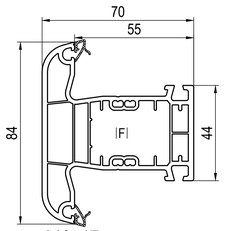
szczebliny



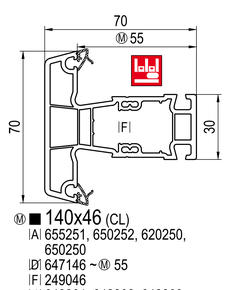
■ 140x45 (CL)
|A| 640301, 640320
|D| 677133 ~140x4x ...
|Ď| 647136, 677103 ~140x4x ...
|O| 640901
|Ď| 647245 ~ Ⓜ 55
|D| 640046 ~ uniwersalny
|F| 249034, 249035
|P| 249343



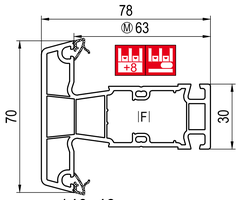
■ 140x41 (CL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|Ď| 647101, 647102 ~140x4x ...
|O| 640900
|Ď| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
|P| 249341



■ 140x47 (RL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|Ď| 647101, 647102 ~140x4x ...
|O| 640900
|Ď| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101

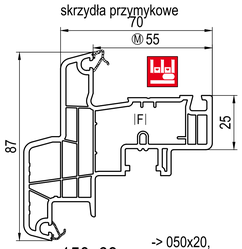


Ⓜ ■ 140x46 (CL)
|A| 655251, 650252, 620250, 650250
|Ď| 647146 ~ Ⓜ 55
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

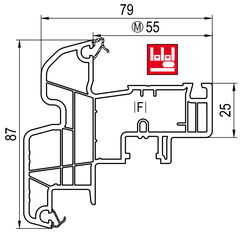


Ⓜ ■ 140x48 (CL) -> 140x27, 150x27
|A| 685251, 680250, 655251, 650252, 620250, 650250
|Ď| 647148 ~ Ⓜ 63
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

skrzydła przymykowe

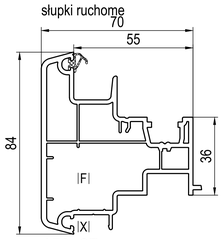


Ⓜ ■ 150x68 (CL) -> 050x20, 150x20
|A| 655251, 650252, 620250, 650250
|C| 650029
|F| 259020, 259021, 259022, 259026
|J| 642261, 642262, 642263, 646265, 646266
|P| 259368

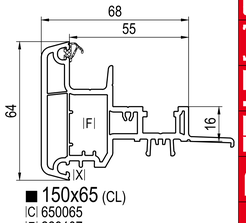


Ⓜ ■ 150x69 (CL) -> 150x26
|A| 655251, 650252, 620250, 650250
|C| 650029
|F| 259020, 259021, 259022, 259026
|J| 642261, 642262, 642263, 646265, 646266

słupki ruchome



■ 150x67 (CL)
|C| 650067
|F| 259067
|P| 249341
|X| 447340, 449340, 447042, 449042



■ 150x65 (CL)
|C| 650065
|F| 229107
|P| 259365
|X| 447340, 449340, 447042, 449042

MD system z uszczelnieniem środkowym

Ⓜ wklejane szyby opcja

▨ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka z kołnierzami
|Ď| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
|H| dodatki montażowe
|I| ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|P| **aluskin** nakładki aluminiowe
|Q| aluminiowe osłony przyłgi
|U| progi aluminiowe
|X| uszczelki
|Z| pozostałe dodatki

-> do

uszczelki naprawcze		+ MD		+ MD		+ MD	Basic Air max	REGEL-air®	Basic Air plus®
standard	TPE	standard	TPE		opcja				
|X| 479025 cza	|X| 479015 cza	|X| 449340 cza	|X| 449042 cza		|X| 449343 cza		|L| 689350 cza	|L| 630315 komplet	|L| 650000 -> MD
|X| 477025 pbi	|X| 477015 pbi	|X| 447340 pbi	|X| 447042 pbi		|X| 447343 pbi		|L| 687350 pbi		

(CL) Classic-line
(RL) Round-line

cza czarny
pbi papirusowa biel
bi biały

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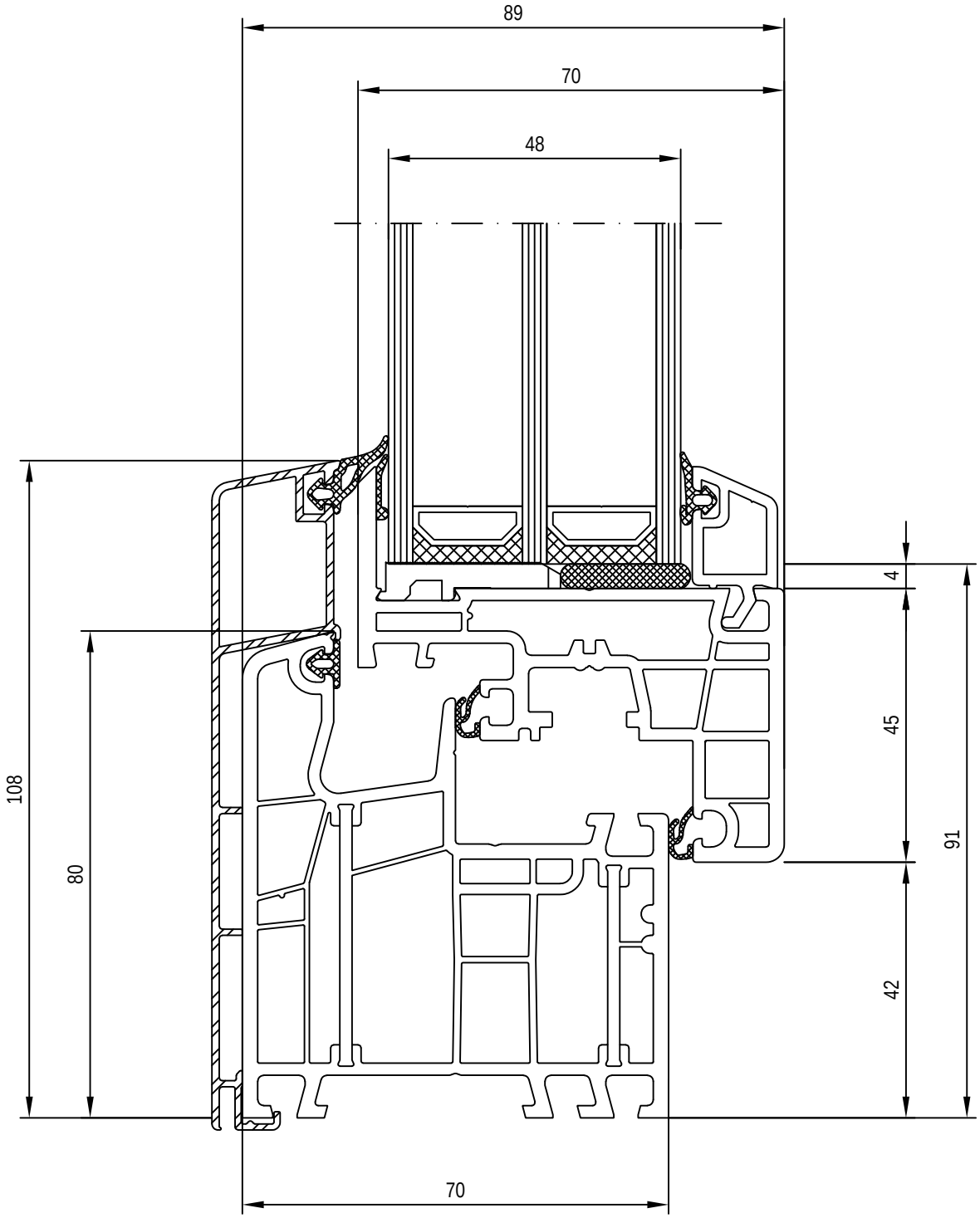


frame profile 70mm: 050x03
sash profile 70mm: 150x80
glazing bead: 120633

aluplast
Kunststoff-Fenstersysteme

energeto 5000 view

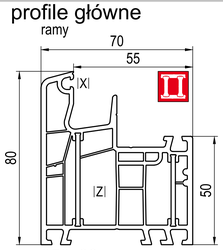
profile section

aluplast GmbH | Systemy okien tworzywowych
Auf der Breit 2 | DE - 76227 Karlsruhe
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

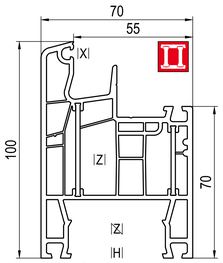
energeto® 5000 view

profile główne

ramy

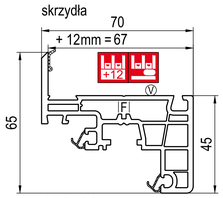


■ 050x03 (CL)
■ 050003 (CL)
|P| 259403, 259404
|U| 249058, 249060, 269060
|V| 646072 + |X| 446071
|X| 427334, 429334
|Z| 650290



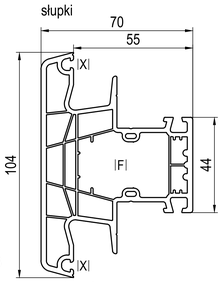
■ 050x04 (CL)
■ 050004 (CL)
|H| 685058
|P| 259404
|U| 249058, 249060, 269060
|V| 656078
|X| 427334, 429334
|Z| 650290 |Z| 650292

skrzydła



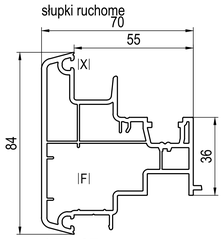
Ⓥ ■ 150x80 (CL)
Ⓥ ■ 150380 (CL) cza
|F| 259080
Ⓥ |J| 652080, 652081, 652082, 652083
|T| 259081
|Z| 694132

słupki

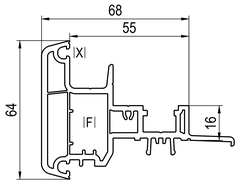


■ 150x43 (CL)
■ 150043 (CL)
|D| 657130, 657134 ~050x0x
|Ø| 657030 ~050x0x
|Ø| 620046 ~ uniwersalny
|X| 650033 bi
|X| 659033 cza
|F| 259043, 259044
|P| 259443
|U| 249058, 249060, 269060
|W| 646075
|X| 427334, 429334

słupki ruchome

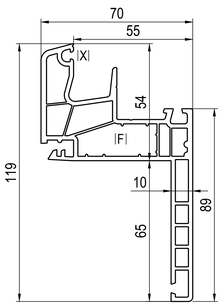


■ 150x67 (CL)
■ 150067 (CL)
|C| 650267
|F| 259067
|P| 259467
|X| 427334, 429334

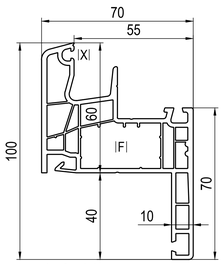


■ 150x65 (CL)
■ 150065 (CL)
|C| 650264 + 650265
|F| 229107
|P| 259465
|X| 427334, 429334

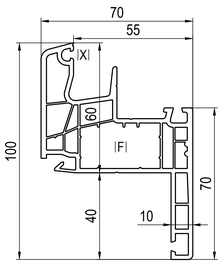
IDEAL 5000®



■ 150x10 (CL)
■ 150010 (CL)
|F| 229045
|P| 259404
|X| 427334, 429334



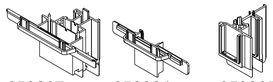
■ 150x11 (CL)
■ 150011 (CL)
|F| 229037
|P| 259404
|X| 427334, 429334



■ 150x110000011 (CL)
■ 1500110000011 (CL)
|F| 229037
|P| 259404
|X| 427334, 429334

dodatki

|C| zaślepki



650267 (CL)
-> 150x67

650264 (CL) + 650265 (CL)
-> 150x65
|C| 650265

-> 150x65
|C| 650264

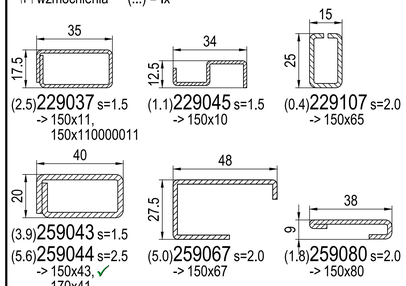
|D| łączniki słupka z kołnierzami P~plastik
|Ø| łączniki słupka bez kołnierzy

|D| 657130
|Ø| 657030
-> 150x43 ✓
|O| 650950 ✓
~150x0x ...
|X| 650032,
659032,
650033, ✓
659033 ✓

|D| 657134
|Ø| -
-> 150x43 ✓
|O| 650950 ✓
~150x0x ...
|X| 650032,
659032,
650033, ✓
659033 ✓

|Ø| 620046 P
~35x20x1000mm
-> 120x41,
120x45,
140x41,
140x47,
150x43, ✓
170x41
~uniwersalny

|F| wzmocnienia (...) = lx



(2.5) 229037 s=1.5
-> 150x11,
150x110000011

(1.1) 229045 s=1.5
-> 150x10

(0.4) 229107 s=2.0
-> 150x65

(3.9) 259043 s=1.5
(5.6) 259044 s=2.5
-> 150x43, ✓
170x41

(5.0) 259067 s=2.0
-> 150x67

(1.8) 259080 s=2.0
-> 150x80

|G| wkręty kształtowe / klipsy

659923
-> alu
-> |T| 259082

654930
-> alu
-> |P| ... z.B. 259403, 259404

|H| kotwy / elementy montażowe

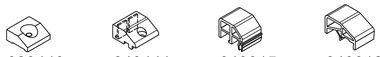
+ patrz plan:
profile dodatkowe
profile statyczne

685058 zie
-> 050x04, ✓
080x04,
180x04

<- |A| patrz plan:
profile dodatkowe
1/4

|T| ślizgi

+ podpory transportowe



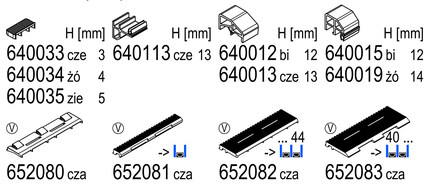
620440
-> skrzydła

640441
-> ramy

640015
-> ramy

640012
-> ramy

|J| Multifalz / wklejna szyba



H [mm]
640033 cze 3
640034 żó 4
640035 zie 5

640113 cze 13

640012 bi 12
640013 cze 13

640015 bi 12
640019 żó 14

Ⓥ 652080 cza

Ⓥ -> 652081 cza

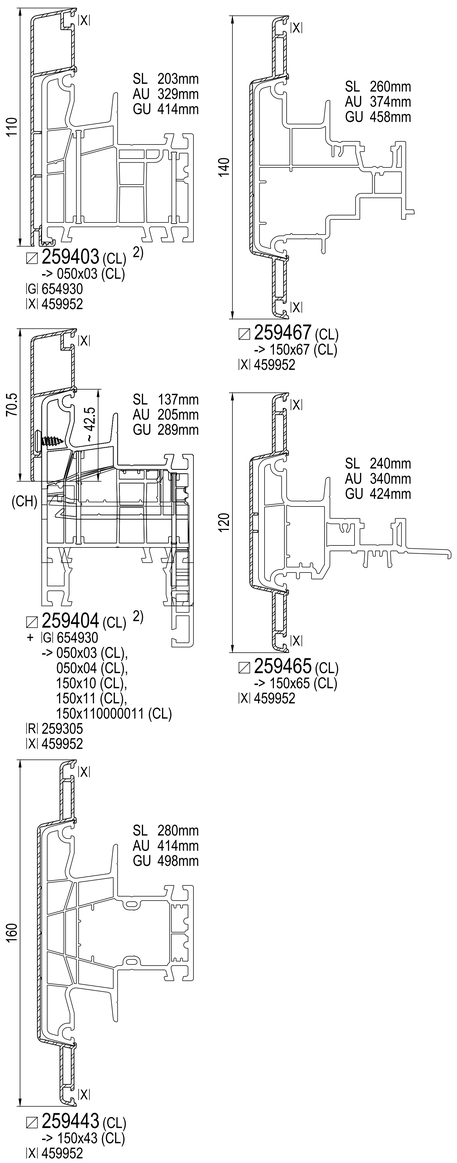
Ⓥ ... 44 -> 652082 cza

Ⓥ 40 ... -> 652083 cza

|O| środki pomocnicze

650950
-> |D| 657130, 657134
-> |Ø| 657030

|P| aluskin nakładki aluminiowe



◪ 259403 (CL) 2)
-> 050x03 (CL)
|G| 654930
|X| 459952

◪ 259467 (CL)
-> 150x67 (CL)
|X| 459952

◪ 259404 (CL) 2)
+ |G| 654930
-> 050x03 (CL),
050x04 (CL),
150x10 (CL),
150x11 (CL),
150x110000011 (CL)
|R| 259305
|X| 459952

◪ 259465 (CL)
-> 150x65 (CL)
|X| 459952

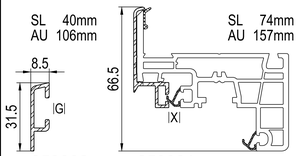
◪ 259443 (CL)
-> 150x43 (CL)
|X| 459952

|R| prowadnice rolet alu

+ dodatki
patrz plan:
profile dodatkowe
4/4

259305
-> |P| ... z.B. 259404

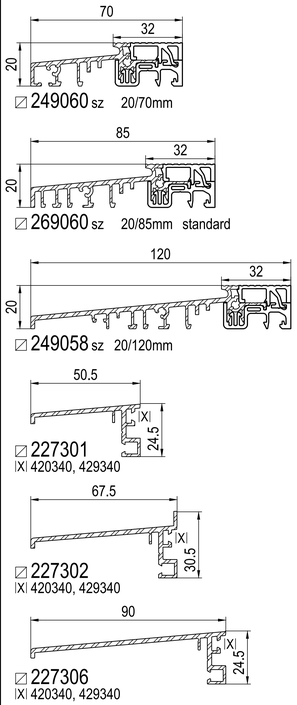
|T| okapniki aluminiowe



◪ 259082 (CL)
-> uniwersalny
-> |T| 259081
|G| 659923

◪ 259081 (CL)
-> 150x80 (CL)
|T| 259082
|X| 459953

|U| progi aluminiowe



◪ 249060 sz 20/70mm

◪ 269060 sz 20/85mm standard

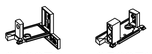
◪ 249058 sz 20/120mm

◪ 227301
|X| 420340, 429340

◪ 227302
|X| 420340, 429340

◪ 227306
|X| 420340, 429340

|V| łączniki ramy z progiem



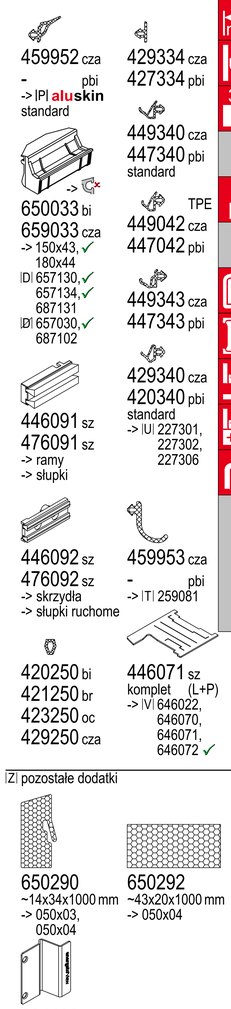
646072 sz
komplet
-> 140x03,
050x03, ✓
150x03
|X| 446071 ✓

656078 sz
komplet
-> 050x04 ✓

|W| łączniki słupka z progiem

646075 sz
komplet
-> 140x45,
150x43 ✓

|X| uszczelki



459952 cza
- pbi
-> |P| aluskin
standard

429334 cza
427334 pbi

449340 cza
447340 pbi
standard

650033 bi
659033 cza
-> 150x43, ✓
180x44
|D| 657130, ✓
657134, ✓
687131
|Ø| 657030, ✓
687102

TPE
449042 cza
447042 pbi

449343 cza
447343 pbi

446091 sz
476091 sz
-> ramy
-> słupki

429340 cza
420340 pbi
standard
-> |U| 227301,
227302,
227306

446092 sz
476092 sz
-> skrzydła
-> słupki ruchome

459953 cza
- pbi
-> |T| 259081

420250 bi
421250 br
423250 oc
429250 cza

446071 sz
komplet (L+P)
-> |V| 646022,
646070,
646071,
646072 ✓

|Z| pozostałe dodatki

650290
~14x34x1000 mm
-> 050x03,
050x04

650292
~43x20x1000 mm
-> 050x04

694132 NiRo
-> 150x38

Ⓥ Multifalz / wklejna szyba

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line

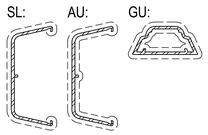
(CH) Szwajcaria

żó żółty
zie zielony
sz szary
oc ochra
cze czerwony
cza czarny
pbi papierowa biel
bi biały

1)
2) lub

SL długość widoczna
AU obwód zewnętrzny
GU obwód całkowity

SL: AU: GU:



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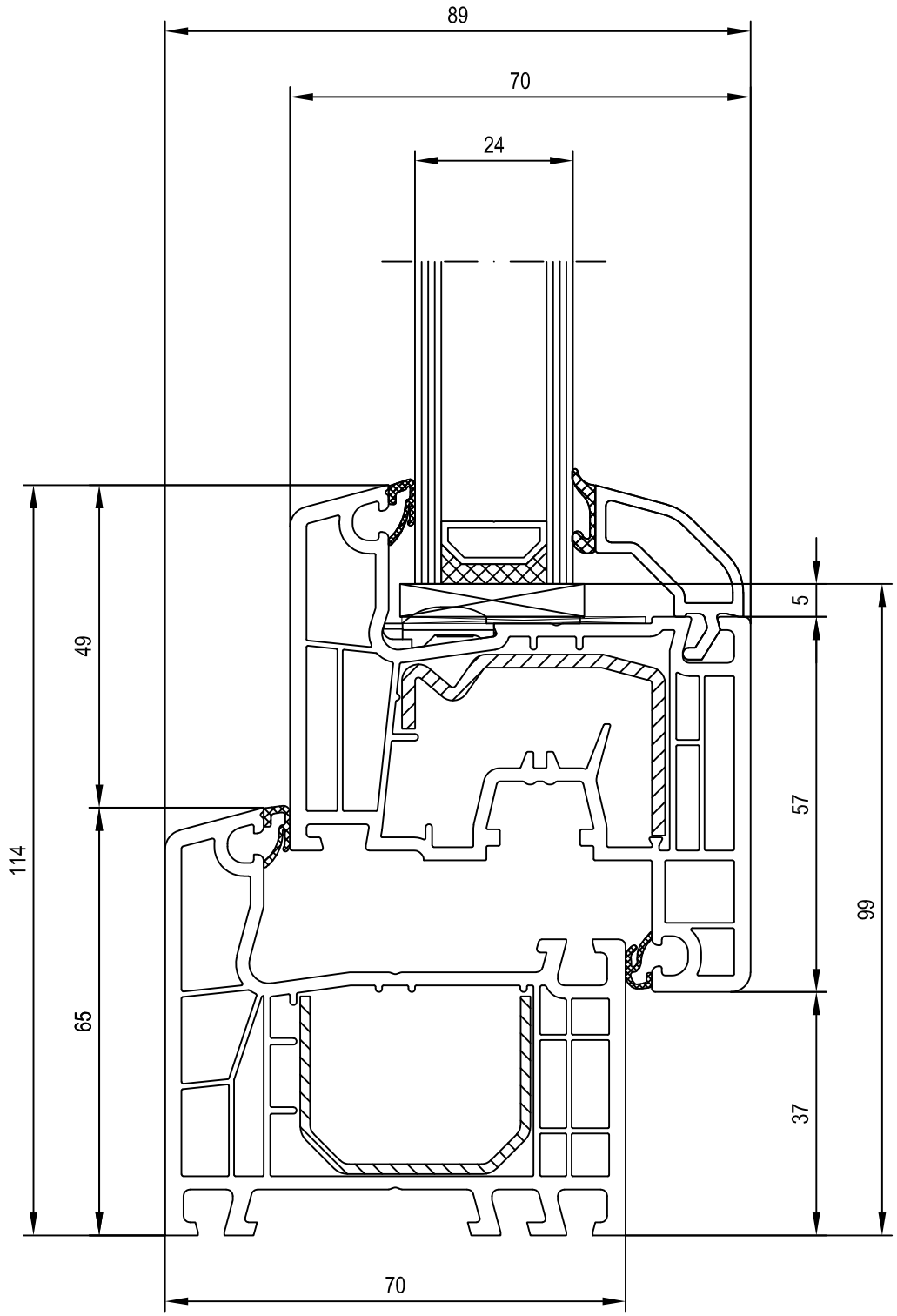
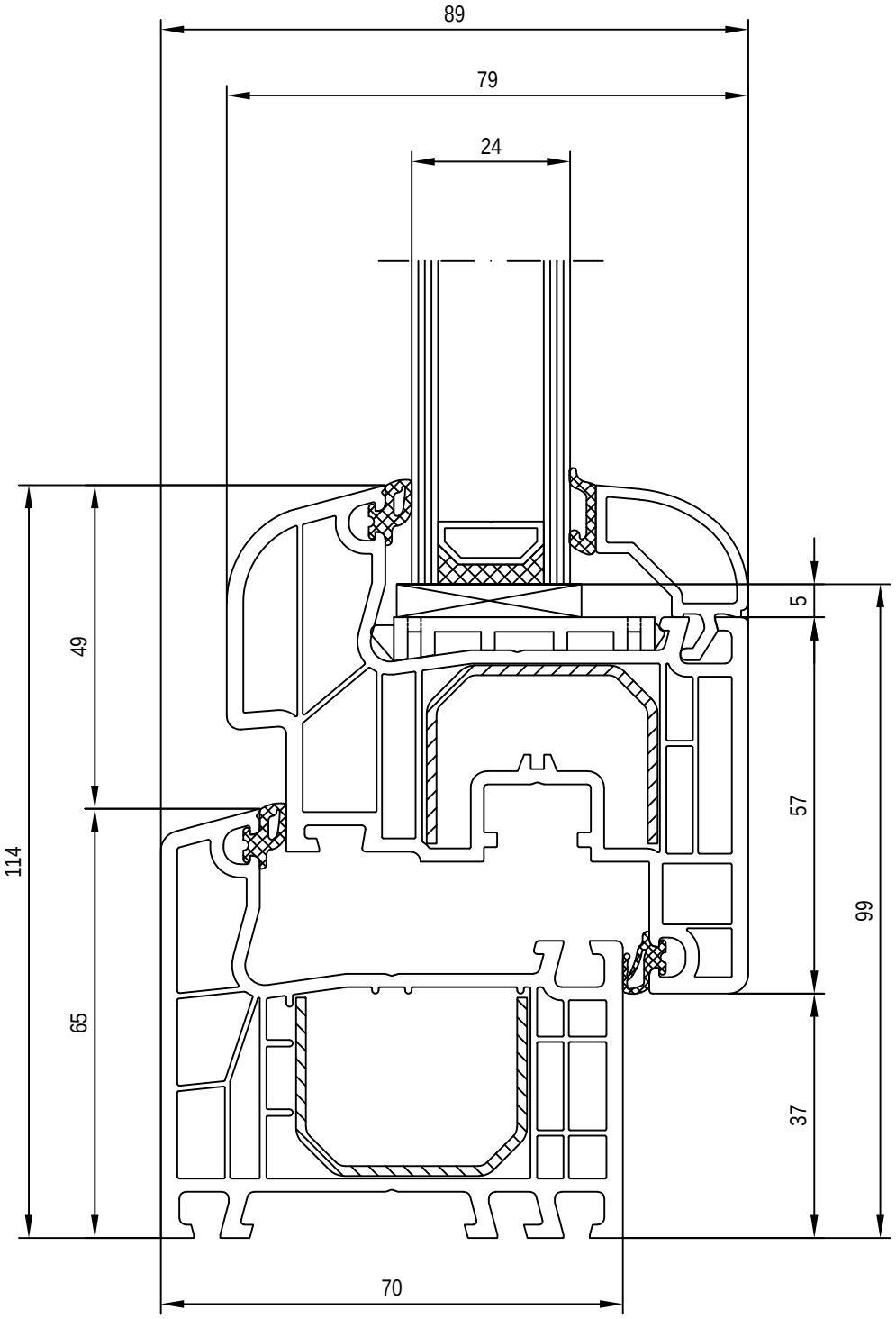


frame profile 70mm: 140x01
sash profile 70mm: 140x20 MF
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section

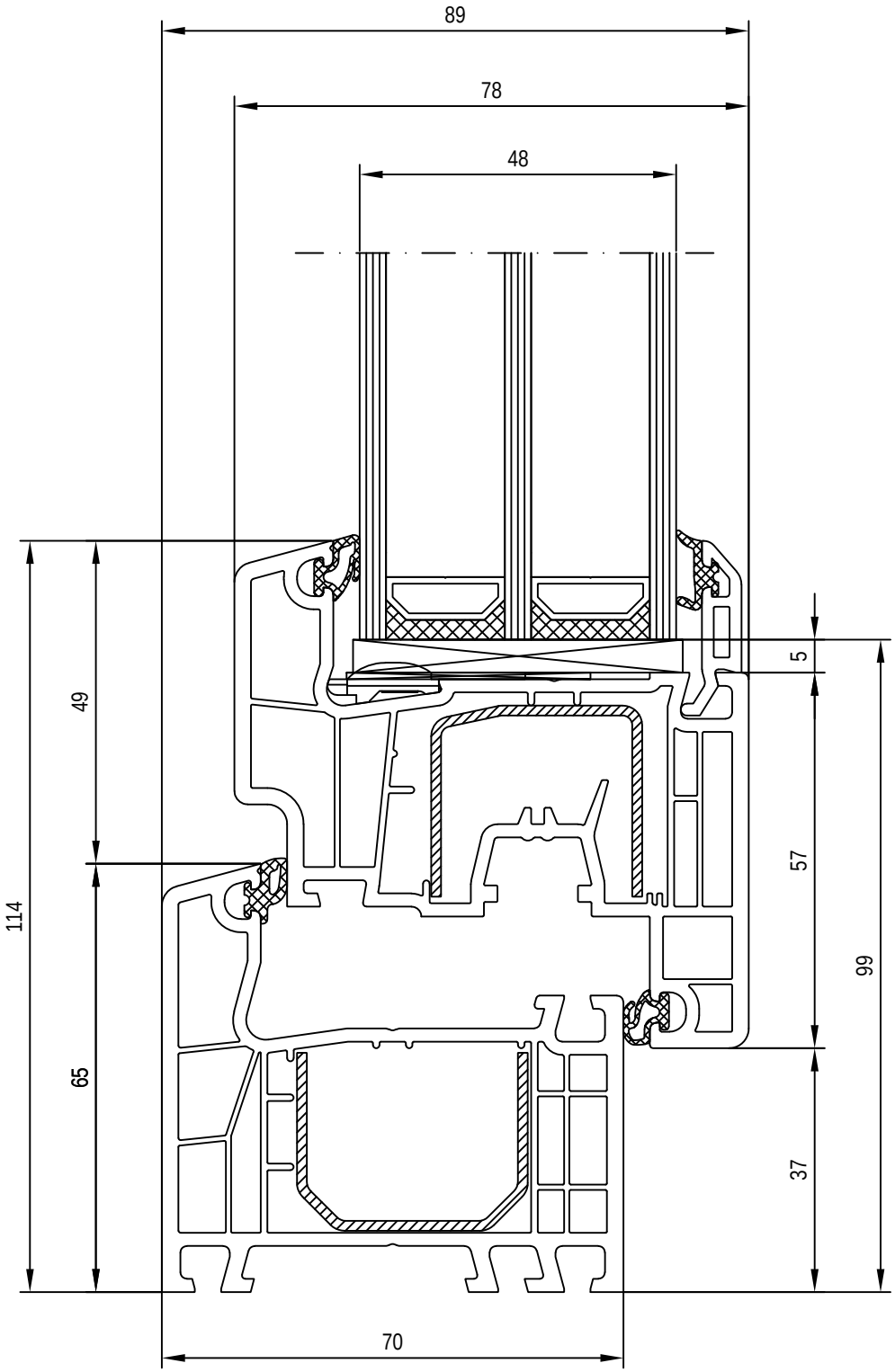


frame profile 70mm: 140x01
sash profile 79mm: 140x22
glazing bead: 120850

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section

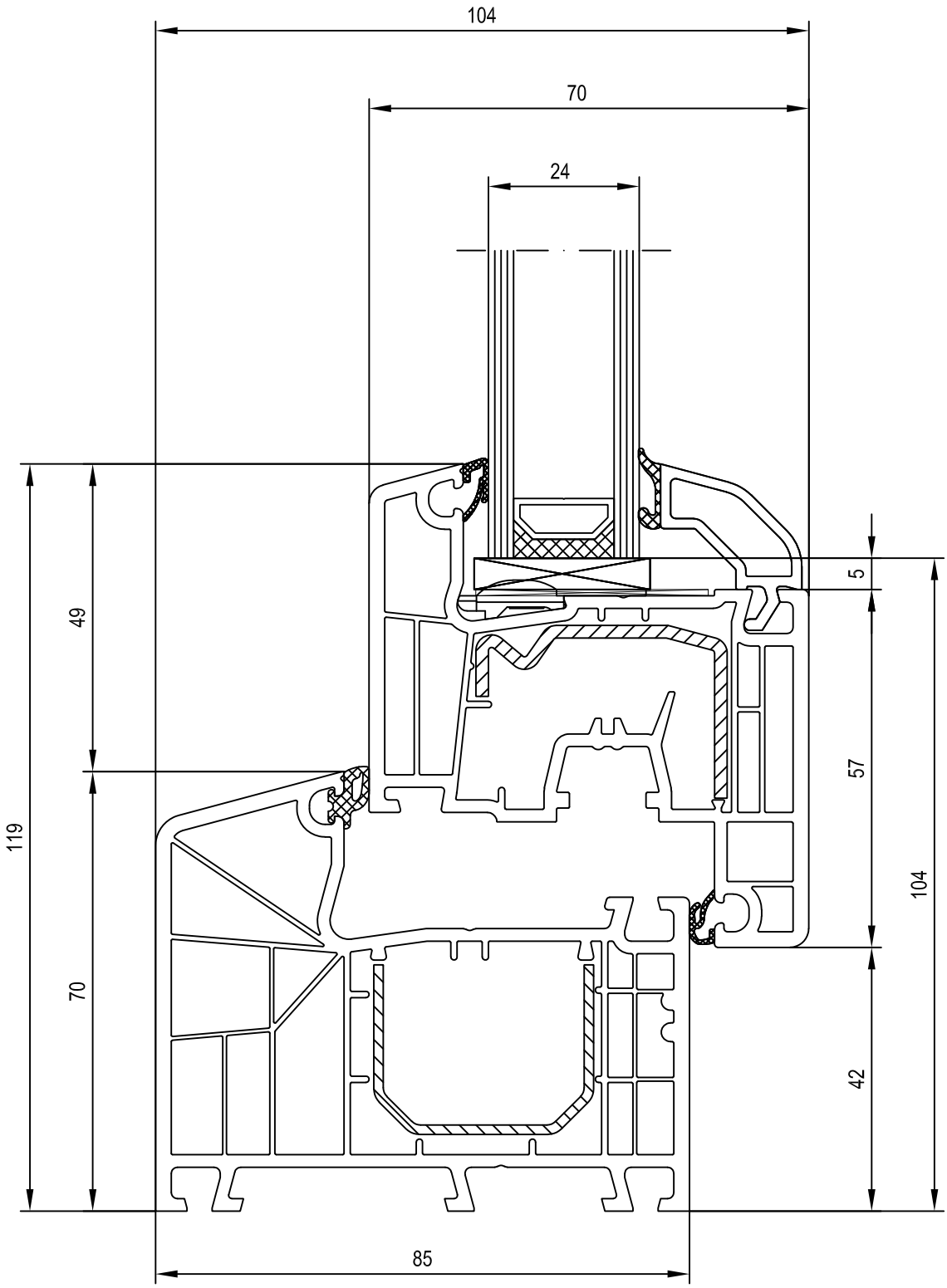


frame profile 70mm: 140x01
sash profile 70mm: 140x27
glazing bead: 140631

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section

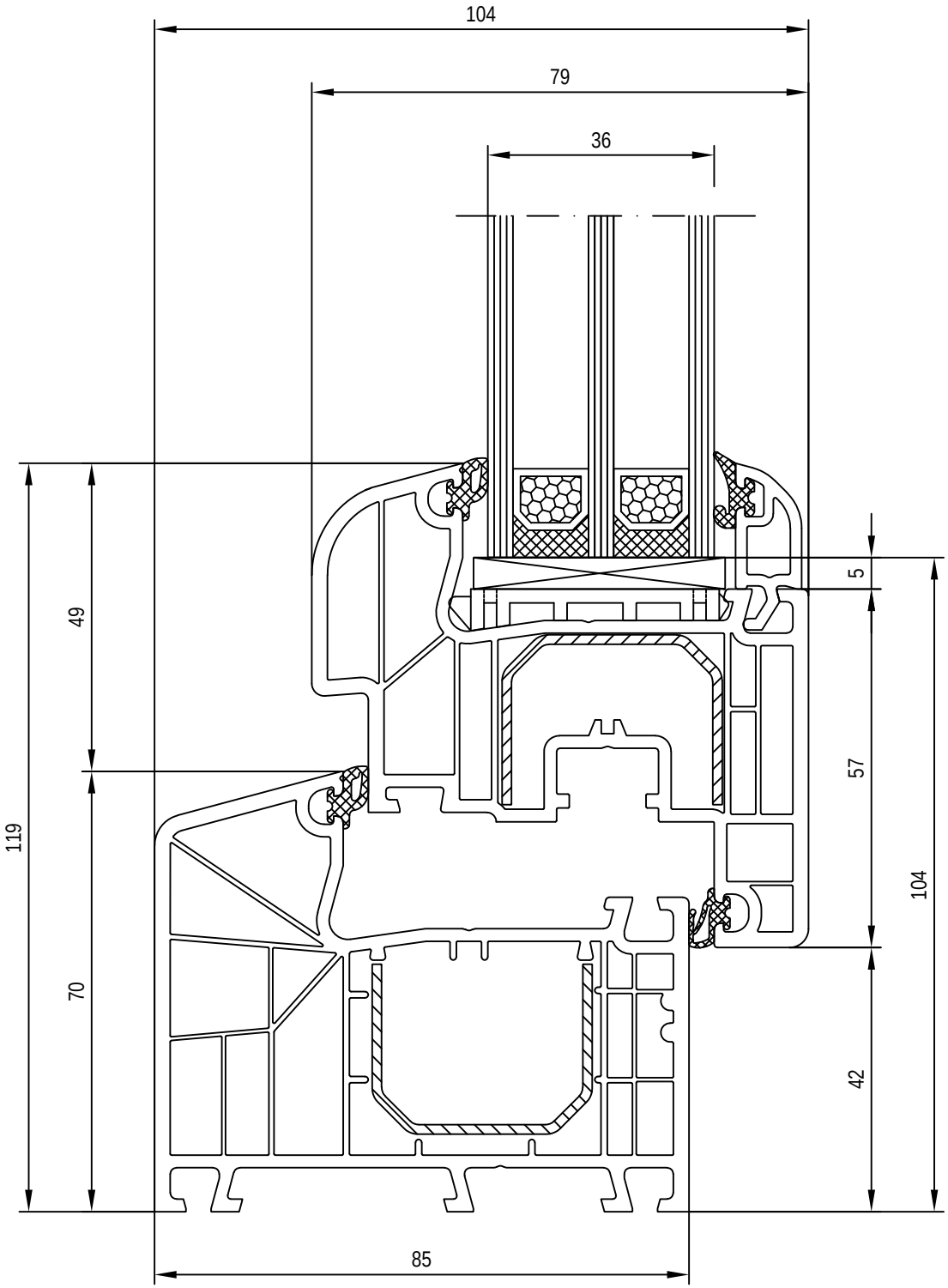


frame profile 85mm: 140x00
sash profile 70mm: 140x20 MF
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section



frame profile 85mm: 140x00
sash profile 79mm: 140x22
glazing bead: 120849

aluplast
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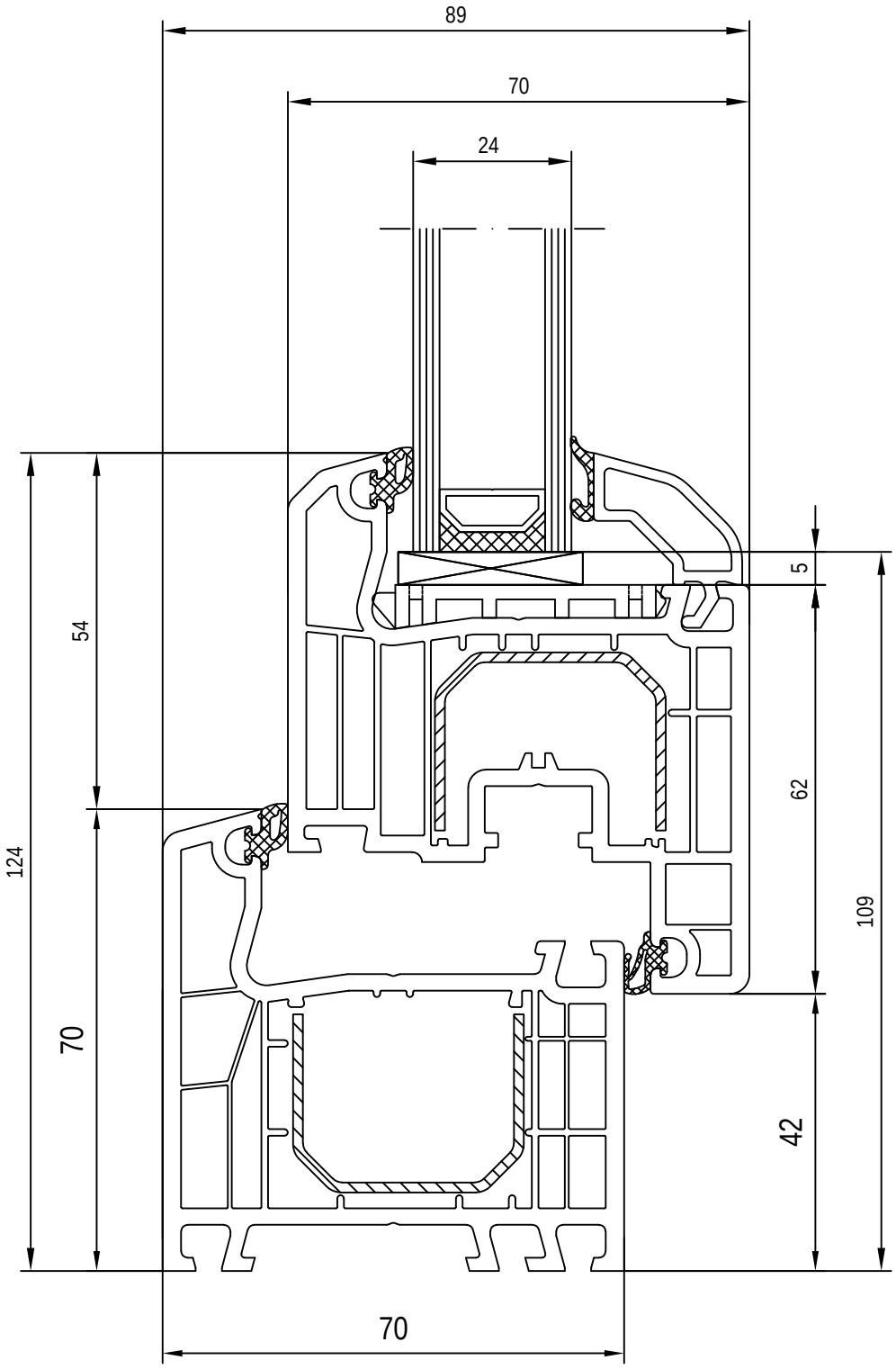
IDEAL 4000

profile section

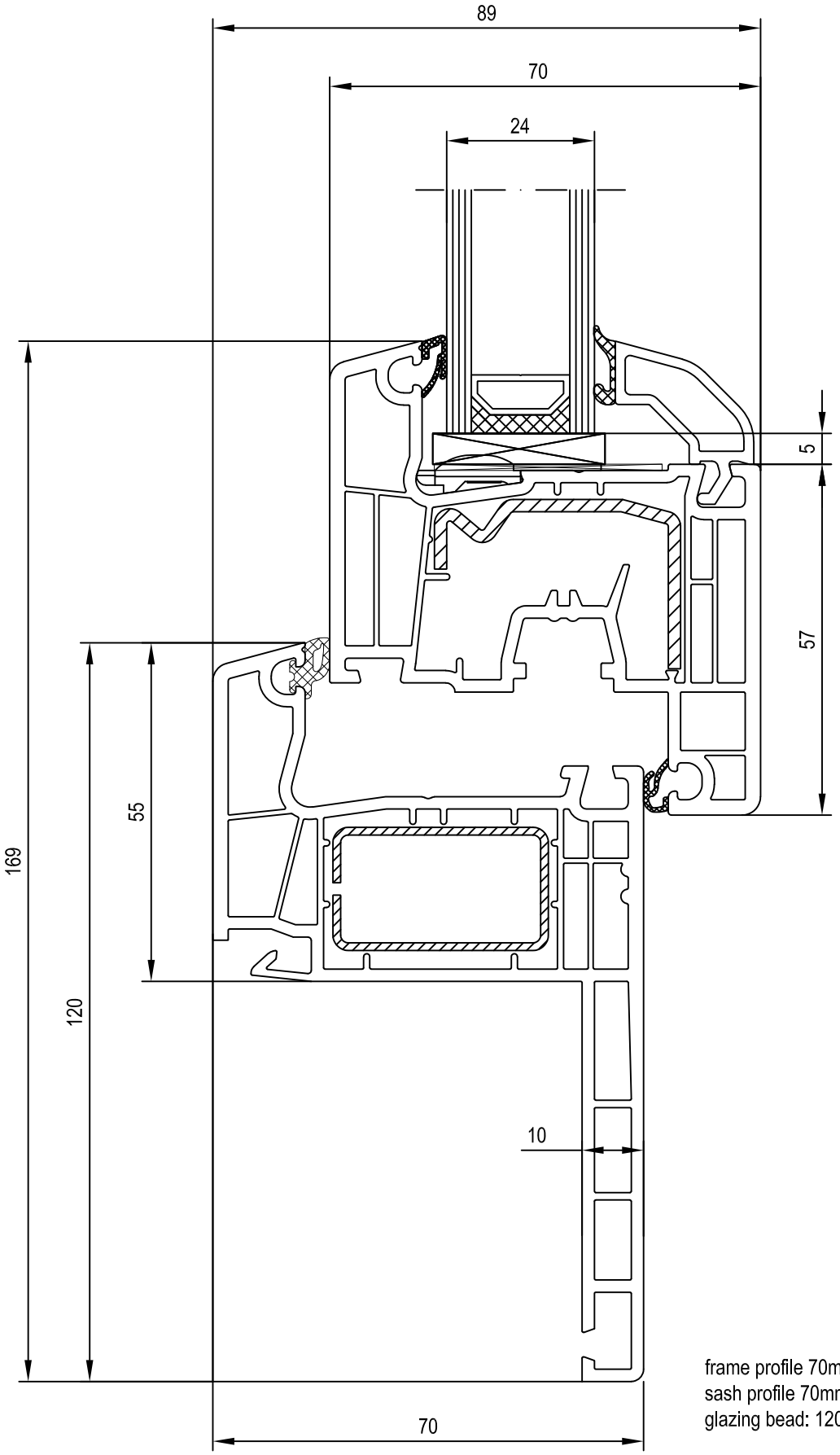


frame profile 70mm: 140x02
sash profile 70mm: 140x23
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section

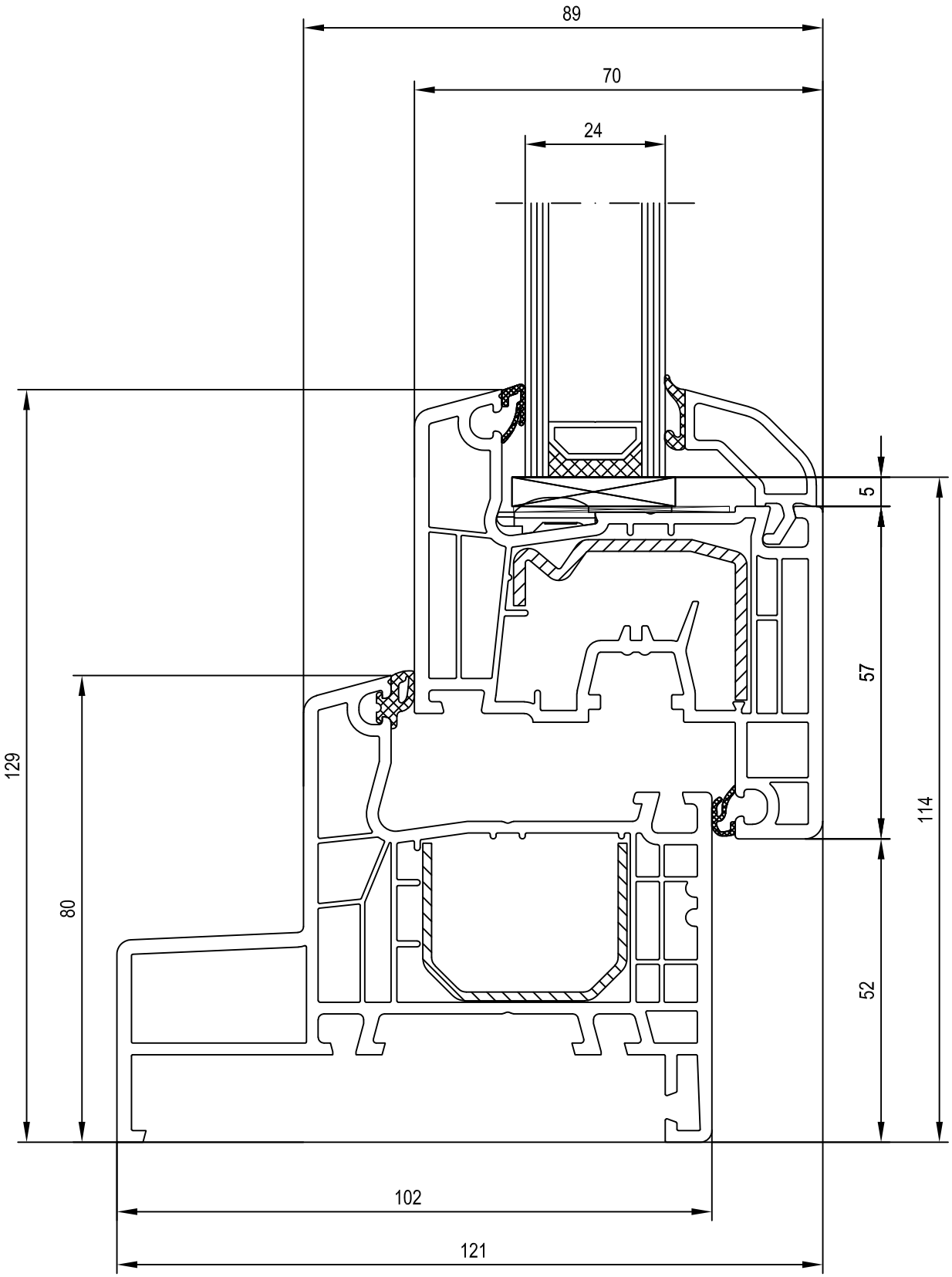


frame profile 70mm: 140x090000011
sash profile 70mm: 140x20 MF
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section

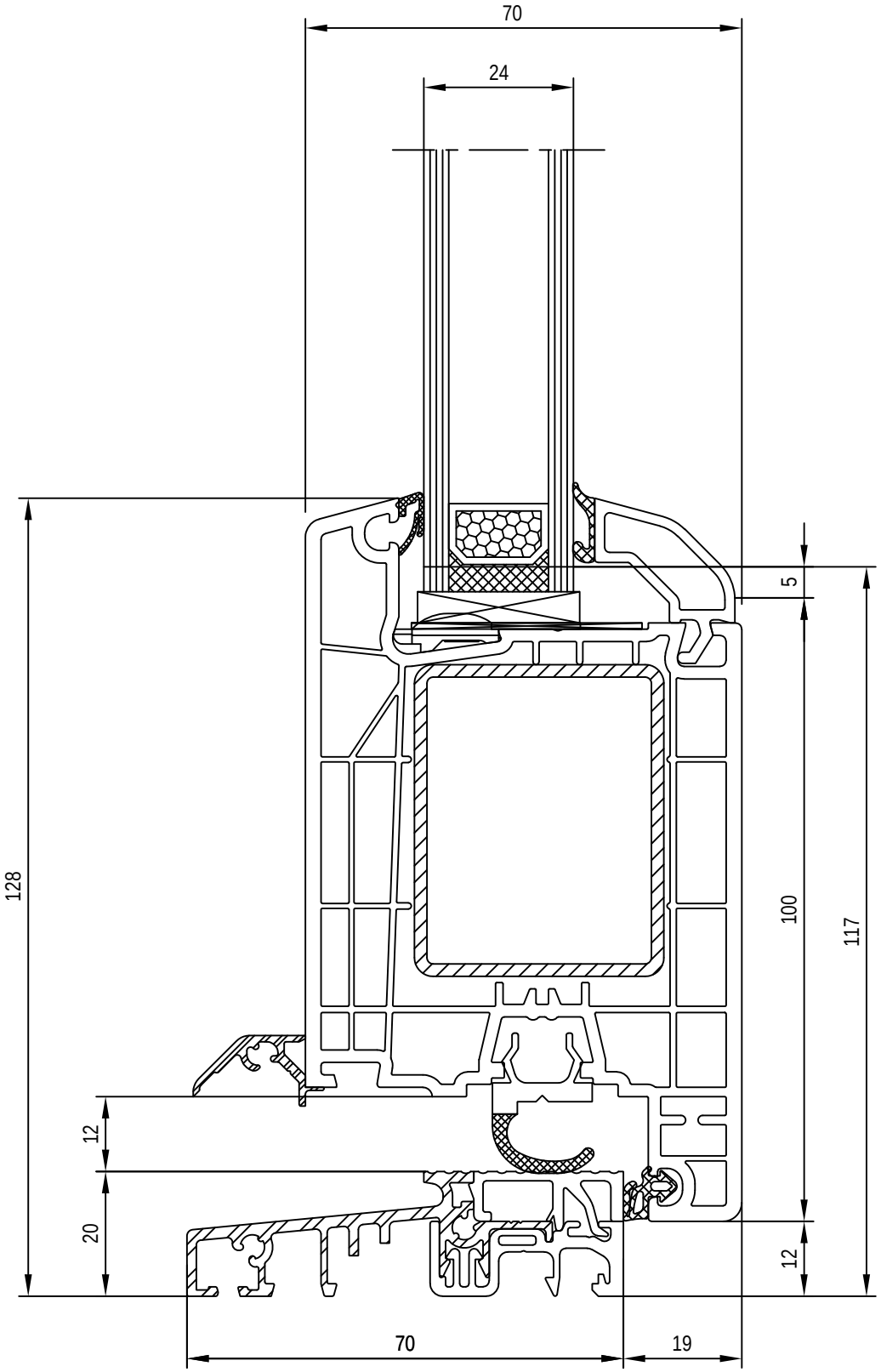


frame profile 102mm: 140x14
sash profile 70mm: 140x20 MF
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000

profile section



sash profile 70mm: 140x33
threshold profile 70mm: 249060
glazing bead: 120846

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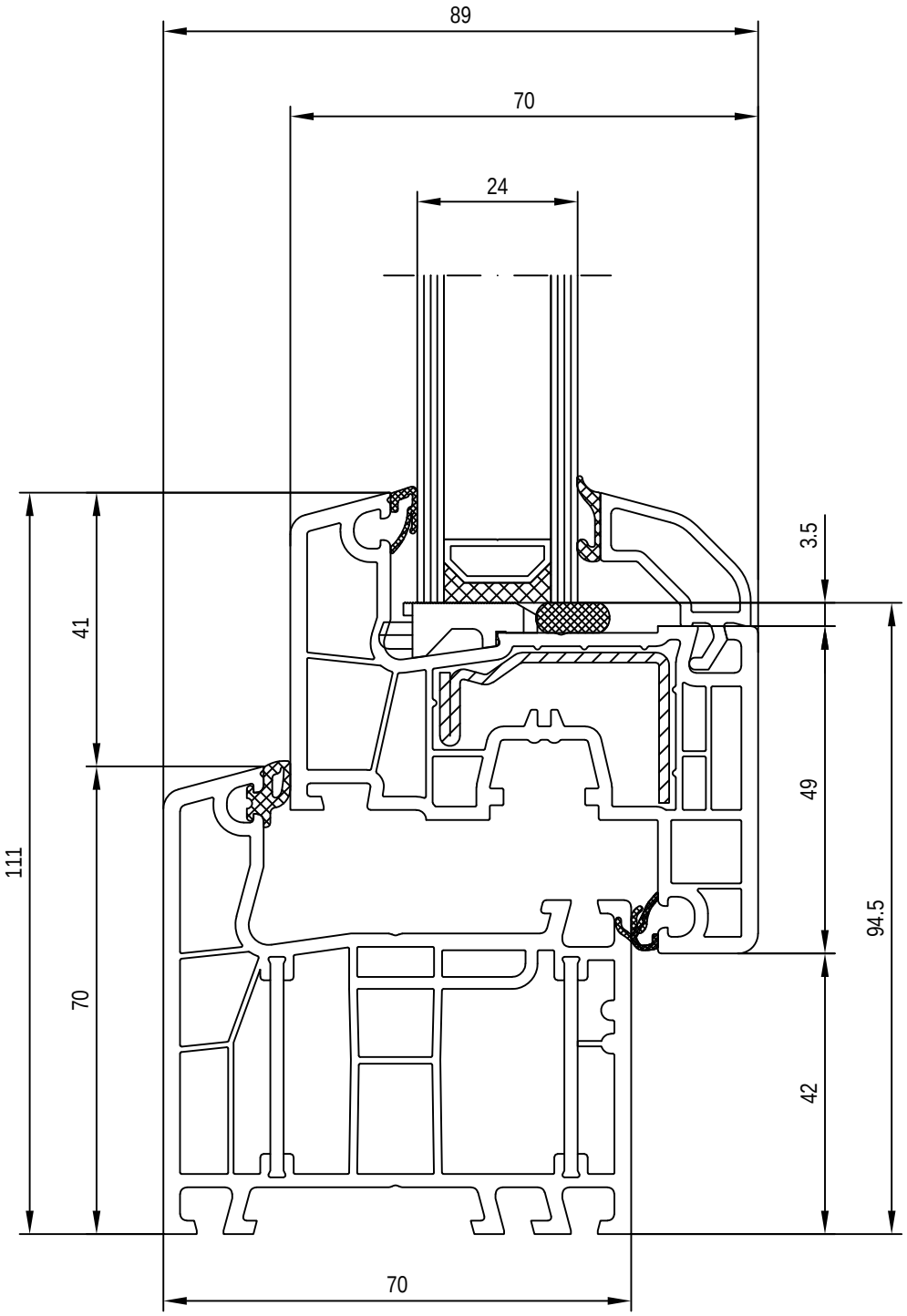
IDEAL 4000 - Doors / Thresholds

profile section



frame profile 70mm: 040x07
sash profile 70mm: 140x24
glazing bead: 120846

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IDEAL 4000 - energeto 4000

profile section

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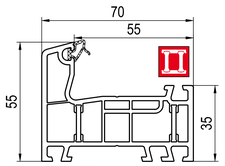
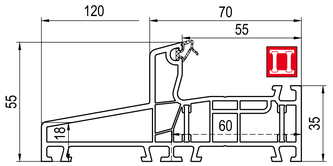
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

profile główne

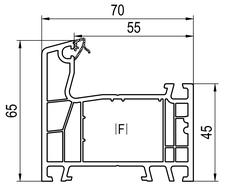
ramy



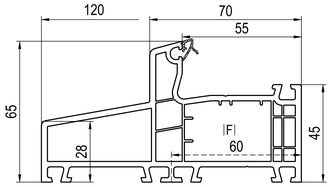
◪ 040x02 (CL)
|A| 640301, 640320
| I | 640441
|P| 259304
|Q| 227300, 227303
|V| 646370 -> |U| 247070



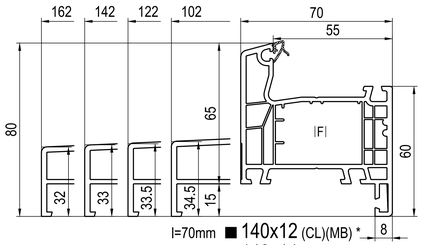
◪ 040x92 (CL)(MB)
|A| 640301, 640320
| I | 640441
|Q| 227300, 227303



■ 140x01 (CL)
|A| 640301, 640320
|F| 229023, 229024, 229025, 229026, 229029, 229030, 249026
| I | 640441
|P| 259304
|Q| 227300, 227303
|U| 247070, 267070, 277070, 287070
|D| 640048 |O| 640970 |X| 446070
|V| 646370 -> |U| 247070

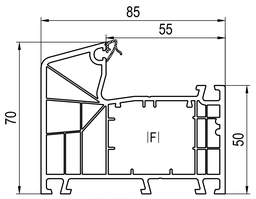


■ 140x91 (CL)(MB)
|A| 640301, 640320
|F| 259906
| I | 640441
|Q| 227300, 227303

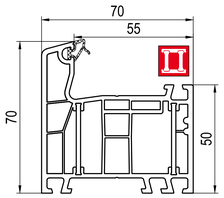


l=70mm ■ 140x12 (CL)(MB) *
l=102mm ■ 140x14 (CL)(MB)
l=122mm ■ 140x16 (CL)(MB)
l=142mm ■ 140x18 (CL)(MB)
l=162mm ■ 140x19 (CL)(MB)
|A| 640301, 640320
|F| 229023, 229024, 229025, 229026, 229029, 229030, 249026
| I | 640441
|P| 259304
|Q| 227300, 227303

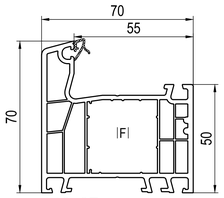
* -> 140x12:
|U| 247070, 267070, 277070, 287070
|D| 640048 |O| 640970
|X| 446070
|V| 646370 -> |U| 247070



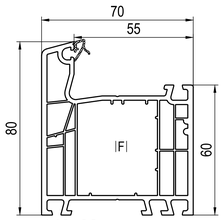
■ 140x00 (CL)
|A| 640301, 640320
|F| 229023, 229024, 229025, 229026, 229029, 229030, 249026
| I | 640441



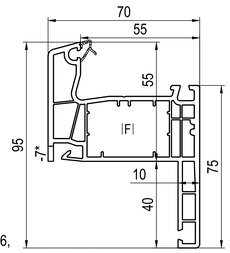
■ 040x07 (CL)
|A| 640301, 640320
| I | 640441
|P| 249312, 259304
|Q| 227300, 227303
|U| 247070, 267070, 277070, 287070
|O| 640970 |X| 446070
|V| 646370 -> |U| 247070



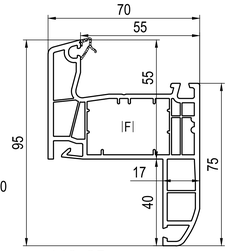
■ 140x07 (CL)
|A| 640301, 640320
|F| 249014, 249015, 249016, 259105, 259106, 259107
| I | 640441
|P| 249312, 259304
|Q| 227300, 227303
|U| 247070, 267070, 277070, 287070
|D| 640047 |O| 640970 |X| 446070
|V| 646370 -> |U| 247070



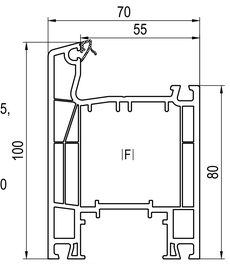
■ 140x03 (CL)
|A| 640301, 640320
|F| 229017, 229114, 229115, 229120
| I | 640441
|P| 249313, 259304
|Q| 227300, 227303
|U| 247070, 267070, 277070, 287070
|D| 670047 |O| 640970 |X| 446070
|V| 646370 -> |U| 247070



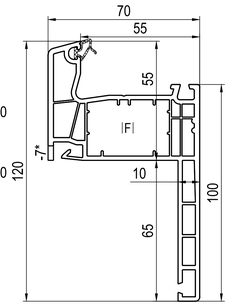
■ 140x15 (CL)
* ■ 140x17 (CL)
|A| 640301, 640320
|F| 229098, 229100, 229101, 249004
| I | 640441
|P| 259304
|Q| 227300, 227303
|V| 646370 -> |U| 247070



■ 140x05 (CL)
|A| 640301, 640320
|F| 229098, 229100, 229101, 249004
| I | 640441
|P| 259304
|Q| 227300, 227303
|V| 646370 -> |U| 247070

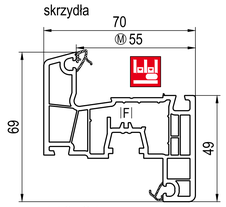


■ 140x81 (CL)
|A| 640301, 640320
|F| 249034, 249035
| I | 640441
|P| 249314, 259304
|Q| 227300, 227303
|V| 646370 -> |U| 247070

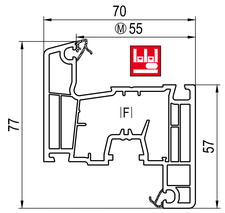


■ 140x09 (CL)
* ■ 140x090000011 (CL)
|A| 640301, 640320
|F| 229098, 229100, 229101, 249004
| I | 640441
|P| 259304
|Q| 227300, 227303
|V| 646370 -> |U| 247070

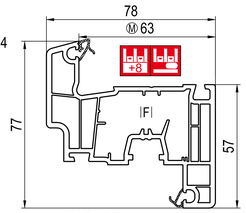
skrzydła



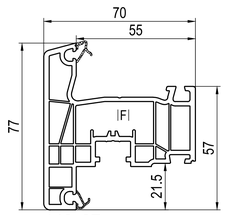
Ⓜ ■ 140x24 (CL) -> 140x74
|A| 655251, 650252, 620250, 650250
|F| 249174, 249175, 259024, 259028
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266



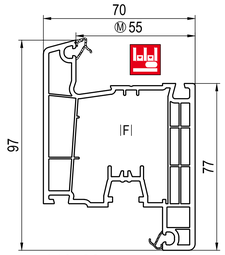
Ⓜ ■ 140x20 (CL) -> 140x76
|A| 655251, 650252, 620250, 650250
|F| 249016, 249017, 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 249450



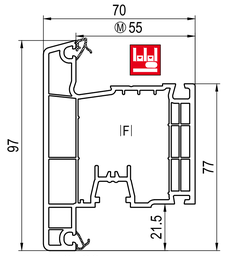
Ⓜ ■ 140x27 (CL) -> 140x48
|A| 685251, 680250, 655251, 650252, 620250, 650250
|F| 249016, 249017, 259020, 259021, 259022, 259026, 289021
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266



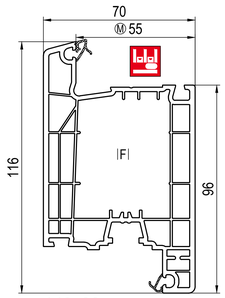
◪ 140x37 (CL)
|A| 640301, 640320
|F| 249037
| I | 620440



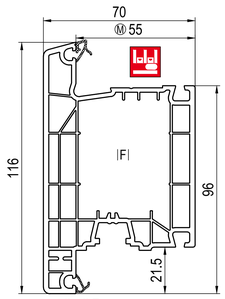
Ⓜ ■ 140x28 (CL) -> 140x78
|A| 655251, 650252, 620250, 650250
|F| 249028, 249029 *, 279028, 279029
* |E| 640029 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266



Ⓜ ■ 140x29 (CL)
|A| 655251, 650252, 620250, 650250
|F| 249028, 249029 *, 279028, 279029
* |E| 640029 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266

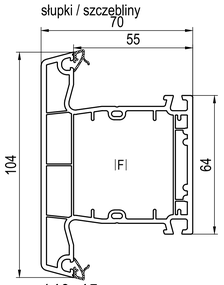


Ⓜ ■ 140x33 (CL)
|A| 655251, 650252, 620250, 650250
|F| 229125, 229129 / 229126, 229131
|E| 620125 / 620126 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
|P| 2494330000098

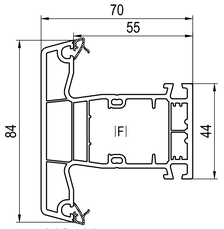


Ⓜ ■ 140x35 (CL) TSA
|A| 655251, 650252, 620250, 650250
|F| 229125, 229129 / 229126, 229131
|E| 620125 / 620126 |O| 640938
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266
słupki / szczebliny
|D| 627107 ~140x4x ...

słupki / szczebliny

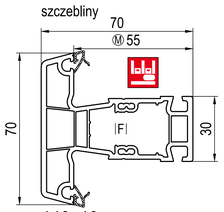


■ 140x45 (CL)
|A| 640301, 640320
|D| 677133 ~140x4x ...
|D| 647136, 677103 ~140x4x ...
|O| 640901
|D| 647245 ~ Ⓜ 55
|D| 640046 ~ uniwersalny
|F| 249034, 249035
| I | 640441
|P| 249343
|U| 247070, 267070, 277070, 287070
|D| 640046 |O| 640971 |X| 446072

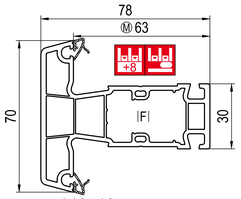


■ 140x41 (CL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|D| 647101, 647102 ~140x4x ...
|O| 640900
|D| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
| I | 640441
|P| 249341
|U| 247070, 267070, 277070, 287070
|D| 620046 |O| 640971 |X| 446073

szczebliny

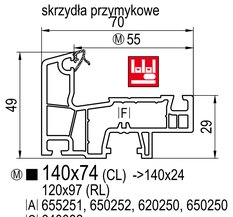


Ⓜ ■ 140x46 (CL)
|A| 655251, 650252, 620250, 650250
|D| 647146 ~ Ⓜ 55
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

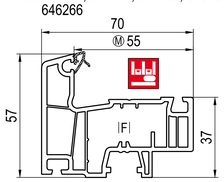


Ⓜ ■ 140x48 (CL) -> 140x27, 150x27
|A| 685251, 680250, 655251, 650252, 620250, 650250
|D| 647148 ~ Ⓜ 63
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

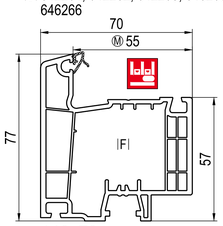
skrzydła przymykowe



Ⓜ ■ 140x74 (CL) ->140x24
120x97 (RL)
|A| 655251, 650252, 620250, 650250
|C| 640082
|F| 249174, 249175
|J| 642261, 642262, 642263, 646265, 646266

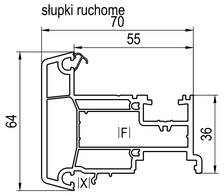


Ⓜ ■ 140x76 (CL) ->140x20
120x97 (RL)
|A| 655251, 650252, 620250, 650250
|C| 640082
|F| 249017
|J| 642261, 642262, 642263, 646265, 646266

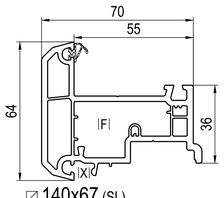


Ⓜ ■ 140x78 (CL) ->140x28
120x97 (RL)
|A| 655251, 650252, 620250, 650250
|C| 640082
|F| 249028, 249029 *, 249078
* |E| 640029 |O| 640938
|J| 642261, 642262, 642263, 646265, 646266

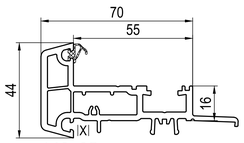
słupki ruchome



■ 140x66 (CL)
|C| 640066
|F| 229063
|P| 249366
|X| 447340, 449340, 447042, 449042



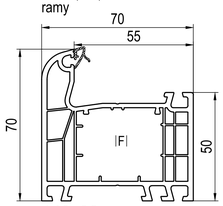
◪ 140x67 (SL)
|C| 640067
|F| 259094
|P| 249366
|X| 447340, 449340, 447042, 449042



■ 140x65 (CL)
|C| 640065
|X| 447340, 449340, 447042, 449042

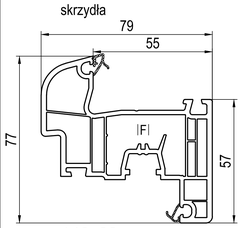
Round-line (RL)

ramy

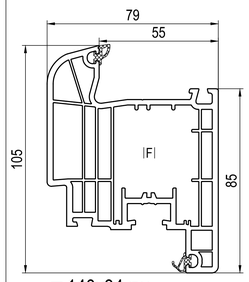


■ 140x08 (RL)
|A| 640301, 640320
|F| 229023, 229024, 229025, 229026, 229029, 229030, 229112, 229113, 229121, 249026
| I | 640441
|U| 247070, 267070, 277070, 287070
|D| 640048 |O| 640970 |X| 446070

skrzydła

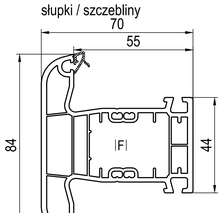


■ 140x22 (RL) ->140x82
|A| 640301, 640320
|F| 229023, 229024, 229025, 229026, 229027, 229028
| I | 620440



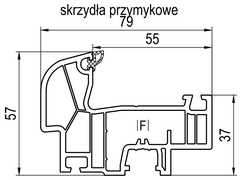
■ 140x34 (RL)
|A| 640301, 640320
|F| 249007, 249009 *
* |E| 640032 |O| 640938
| I | 620440

słupki / szczebliny



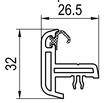
■ 140x47 (RL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|D| 647101, 647102 ~140x4x ...
|O| 640900
|D| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
| I | 640441
|U| 247070, 267070, 277070, 287070
|D| 620046 |O| 640971 |X| 446073

skrzydła przymykowe



◪ 140x82 (RL) ->140x22
120x97
|A| 640301, 640320
|C| 640082
|F| 229027, 229028

słupki ruchome



-> 120x82, 120x86, 140x74, 140x76, 140x78, 140x82

◪ 120x97 (RL)
|C| 620097

TSA w przygotowaniu (nowe lub zmieniony)

AD system z uszczelnieniem zewnętrznym

Ⓜ wklejane szyby

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka z kołnierzami
|D| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
| I | ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|P| aluskin nakładki aluminiowe
|Q| aluminiowe osłony przyłgi
|U| progi aluminiowe
|V| łączniki ramy z progiem
|X| uszczelki

-> do

(CL) Classic-line
(RL) Round-line
(SL) Soft-line

(MB) Monoblok

cza czarny
pbi papirusowa biel

uszczelki naprawcze

standard	TPE	standard	TPE	opcja	Basic Air max	REGEL-air®
|X| 479025 cza	|X| 479015 cza	|X| 449340 cza	|X| 449042 cza	|X| 449343 cza	|L| 689350 cza	|L| 630315 komplet
|X| 477025 pbi	|X| 477015 pbi	|X| 447340 pbi	|X| 447042 pbi	|X| 447343 pbi		

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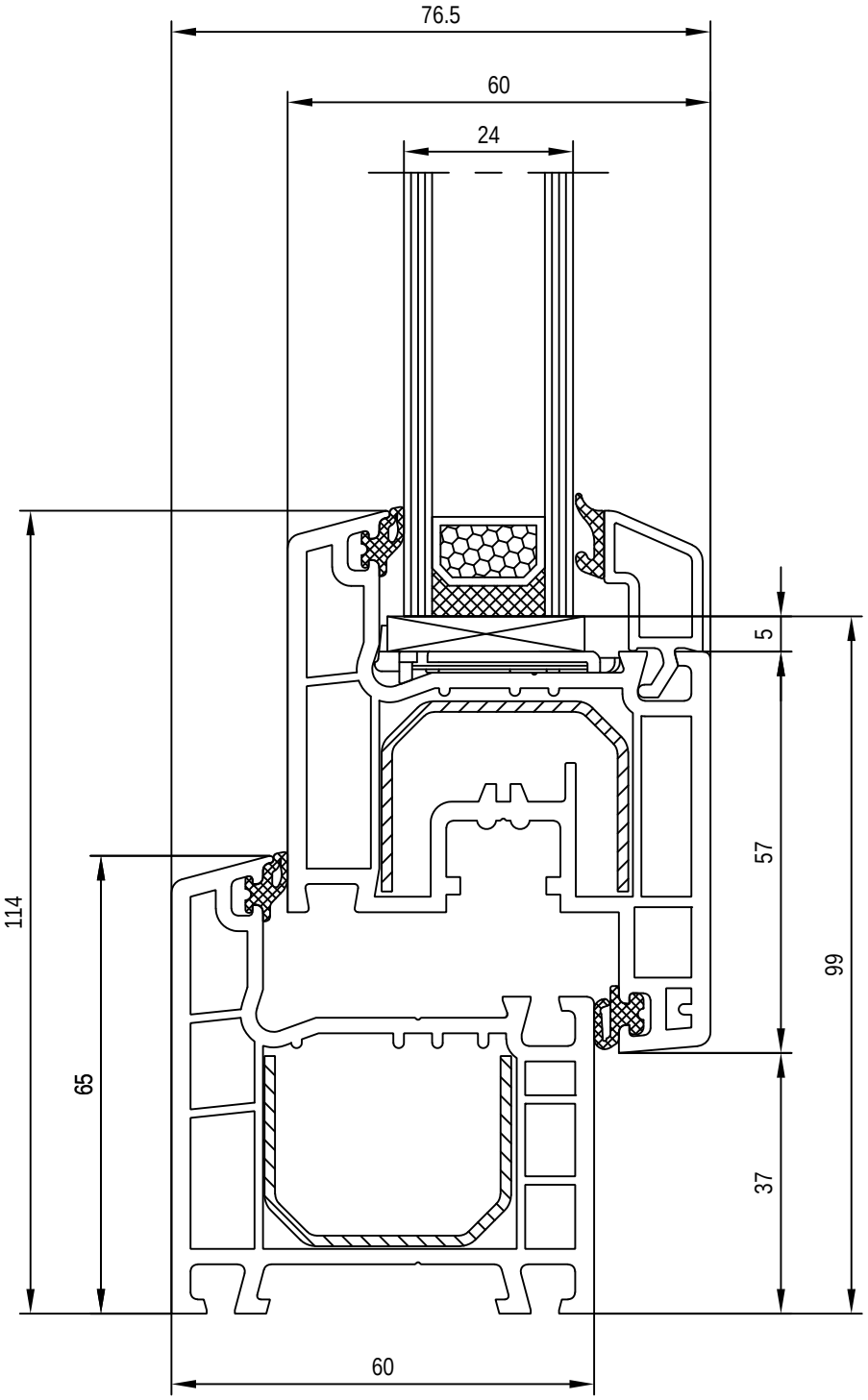

frame profile 70mm: 120x05
sash profile 70mm: 120x22
glazing bead: 120833

aluplast
Kunststoff-Fenstersysteme

IDEAL 2000

profile section

aluplast GmbH | systemy okien tworzywowych
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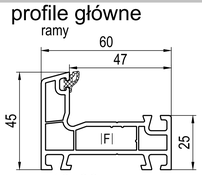
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

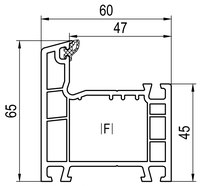
IDEAL 2000®

profile główne

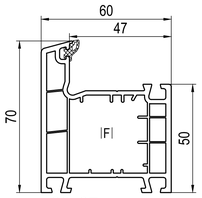
ramy



◪ 110x96 (CL)
|A| 620301, 625305
|F| 259018
| I | 620441, 640441
|Q| 227300, 227303

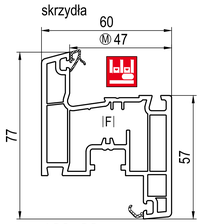


■ 120x05 (CL)
|A| 620301, 625305
|F| 229023, 229024, 229025, 229026, 229029, 229030, 249026
| I | 620441, 640441
|Q| 227300, 227303
|U| 227070, 247070, 267070, 277070, 287070
|D| 640048 |O| 620970
|X| 426070

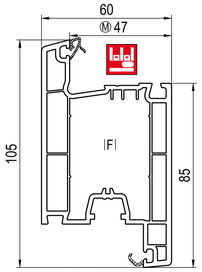


■ 120x07 (CL)
|A| 620301, 625305
|F| 229001, 229112, 229113, 229121
| I | 620441, 640441
|Q| 227300, 227303
|U| 227070, 247070, 267070, 277070, 287070
|D| 620047 |O| 620970
|X| 426070

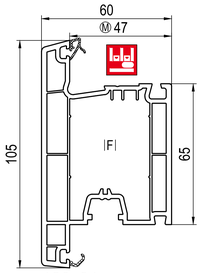
skrzydła



Ⓜ ■ 120x22 (CL)
|A| 620250, 650250
|F| 229023, 229024, 229025, 229026, 229027, 229028, 249026
| I | 620440
|J| 642261, 642262, 646265

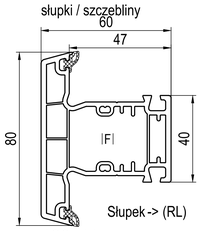


Ⓜ ■ 120x30 (CL)
|A| 620250, 650250
|F| 229050, 229051, 229114, 229115 *
* |E| 680030 |O| 640938
| I | 620440
|J| 642261, 642262, 646265



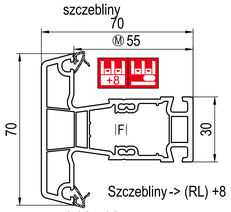
Ⓜ ■ 120x31 (CL)
|A| 620250, 650250
|F| 229050, 229051, 229114, 229115 *
* |E| 680030 |O| 640938
| I | 620440
|J| 642261, 642262, 646265

słupi / szczebliny



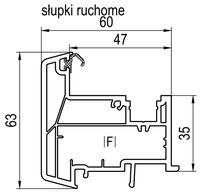
■ 120x41 (CL)
|A| 620301, 625305
|D| 629111, 627101, 627102
|Đ| 627131, 627132
~120xxx ...
|O| 620900
|Đ| 620116 ~120xxx ...
|Đ| 627241 ~ Ⓜ 47
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
| I | 620441, 640441
|U| 227070, 247070, 267070, 277070, 287070
|D| 620046 |O| 620970
|X| 426072

szczebliny



Ⓜ ■ 140x46 (CL)
|A| 655251, 650252, 620250, 650250
|Đ| 647146 ~ Ⓜ 55
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

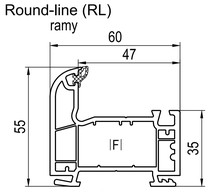
słupki ruchome



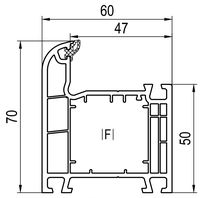
■ 120x63 (CL)
|C| 620001
|F| 229063

Round-line (RL)

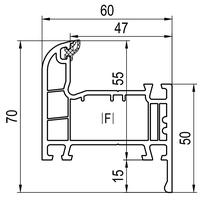
ramy



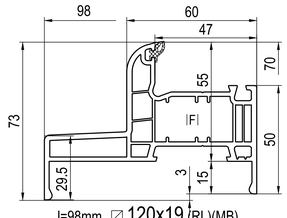
◪ 110x99 (RL)
|A| 620301, 625305
|F| 229037
| I | 620441, 640441



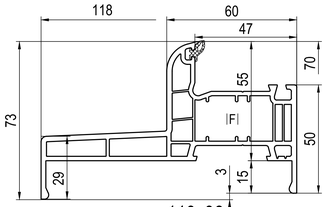
■ 120x18 (RL)
|A| 620301, 625305
|F| 229001, 229023, 229025, 229112, 229113, 229121
| I | 620441, 640441
|U| 227070, 247070, 267070, 277070, 287070
|D| 620047 |O| 620970
|X| 426070



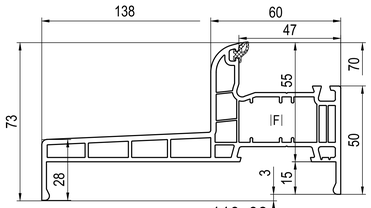
◪ 120x57 (RL)(MB)
|A| 620301, 625305
|F| 229037
| I | 620441, 640441



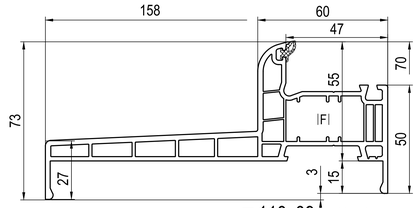
l=98mm ◪ 120x19 (RL)(MB)
|A| 620301, 625305
|C| 620415
|F| 229110, 229111
| I | 620441, 640441



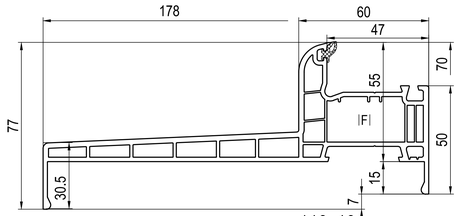
l=118mm ◪ 110x06 (RL)(MB)
|A| 620301, 625305
|C| 620415
|F| 229110, 229111
| I | 620441, 640441



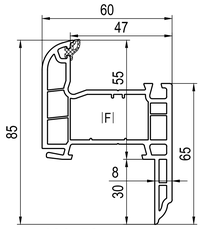
l=138mm ◪ 110x08 (RL)(MB)
|A| 620301, 625305
|C| 620415
|F| 229110, 229111
| I | 620441, 640441



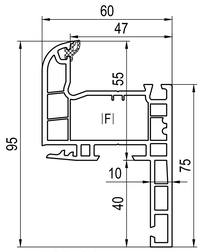
l=158mm ◪ 110x09 (RL)(MB)
|A| 620301, 625305
|C| 620415
|F| 229110, 229111
| I | 620441, 640441



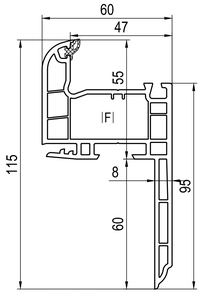
l=178mm ◪ 110x10 (RL)(MB)
|A| 620301, 625305
|F| 229034, 229037
| I | 620441, 640441



■ 120x59 (RL)
|A| 620301, 625305
|F| 229037
| I | 620441, 640441

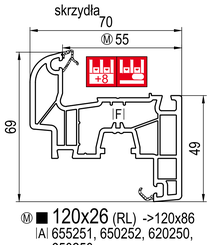


■ 120x91 (RL)
|A| 620301, 625305
|F| 229034, 229037
| I | 620441, 640441

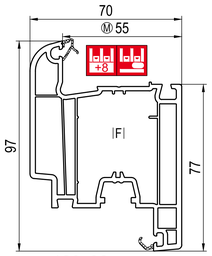


◪ 120x39 (RL)
|A| 620301, 625305
|F| 229037
| I | 620441, 640441

skrzydła

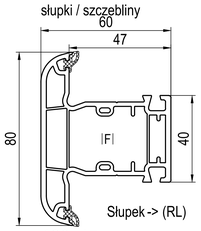


Ⓜ ■ 120x26 (RL) ->120x86
|A| 655251, 650252, 620250, 650250
|F| 229055
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266



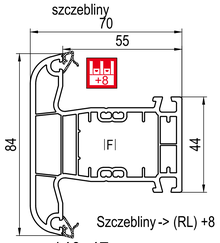
Ⓜ ■ 120x32 (RL) ->120x82
|A| 655251, 650252, 620250, 650250
|F| 229056, 229057
| I | 620440
|J| 642261, 642262, 642263, 646265, 646266

słupi / szczebliny



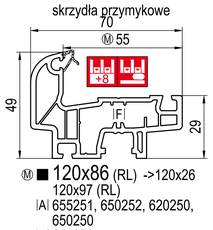
■ 120x45 (RL)
|A| 620301, 625305
|D| 629111, 627101, 627102
|Đ| 627131, 627132
~120xxx ...
|O| 620900
|Đ| 620116 ~120xxx ...
|Đ| 627241 ~ Ⓜ 47
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
| I | 620441, 640441
|U| 227070, 247070, 267070, 277070, 287070
|D| 620046 |O| 620970
|X| 426072

szczebliny

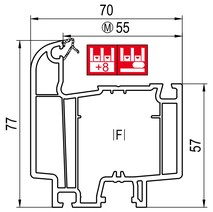


■ 140x47 (RL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|Đ| 647101, 647102 ~140x4x ...
|O| 640900
|Đ| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101

skrzydła przymykowe

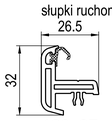


Ⓜ ■ 120x86 (RL) ->120x26
120x97 (RL)
|A| 655251, 650252, 620250, 650250
|C| 620029
|F| 229055
|J| 642261, 642262, 642263, 646265, 646266



Ⓜ ■ 120x82 (RL) ->120x32
120x97 (RL)
|A| 655251, 650252, 620250, 650250
|C| 620029
|F| 229056
|J| 642261, 642262, 642263, 646265, 646266

słupki ruchome



-> 120x82, 120x86, 140x74, 140x76, 140x78, 140x82

◪ 120x97 (RL)
|C| 620097

uszczelki naprawcze					[mm]	Basic Air max	REGEL-air®
[3.5]	[4]	[4]	[3.5]		[3.5]		
standard	standard	TPE	standard	opcja			
|X| 429921 cza	|X| 479025 cza	|X| 479015 cza	|X| 429340 cza	|X| 429320 cza		|L| 689350 cza	|L| 630315 komplet
|X| 427921 pbi	|X| 477025 pbi	|X| 477015 pbi	|X| 420340 pbi	|X| - pbi		|L| 687350 pbi	

AD system z uszczelnieniem zewnętrznym

Ⓜ wklejane szyby opcja

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

|A| podkładki do szklenia
|C| zaślepki
|D| łączniki słupka z kołnierzami
|Đ| łączniki słupka bez kołnierzy
|E| łączniki naroży
|F| wzmocnienia
| I | ślizgi
|J| wklejane szyby
|L| systemy wentylacji podstawowej
|O| elementy pomocnicze
|Q| aluminiowe osłony przylgi
|U| progi aluminiowe
|X| uszczelki

-> do

(CL) Classic-line
(RL) Round-line

(MB) Monoblok

cza czarny
pbi papirusowa biel

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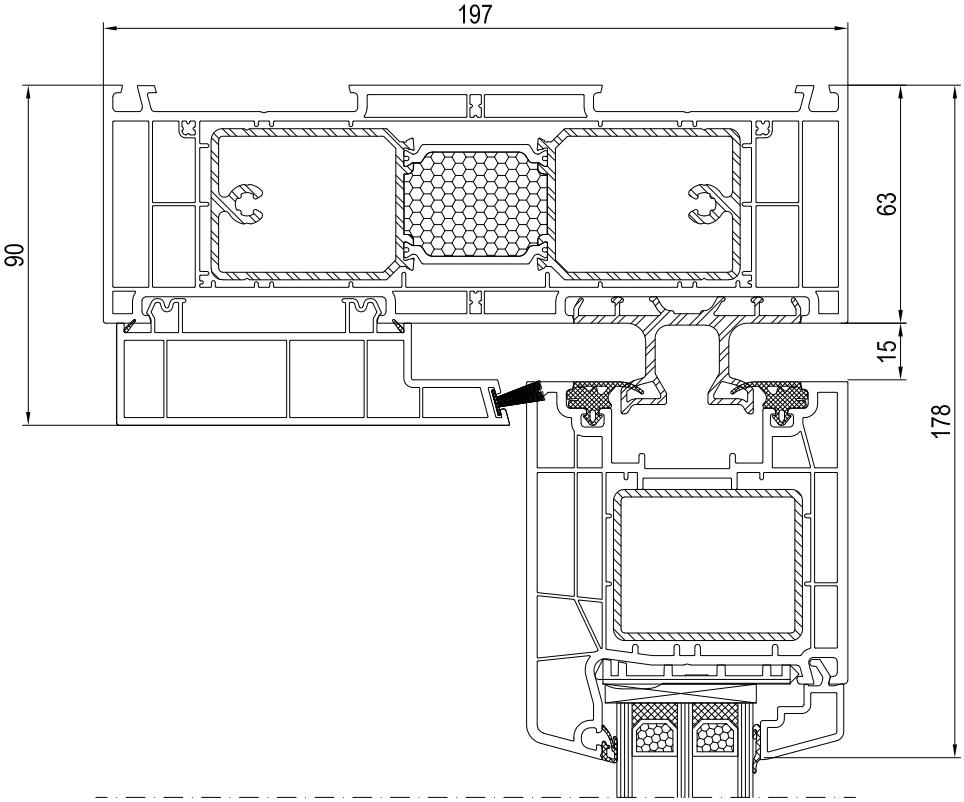
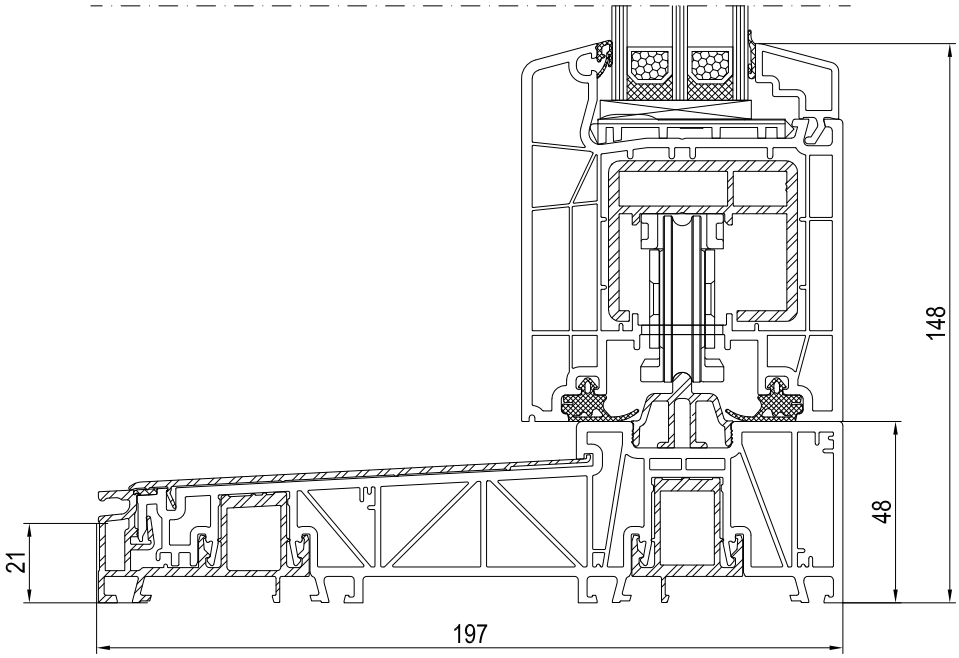
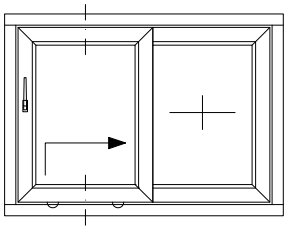




Schema A



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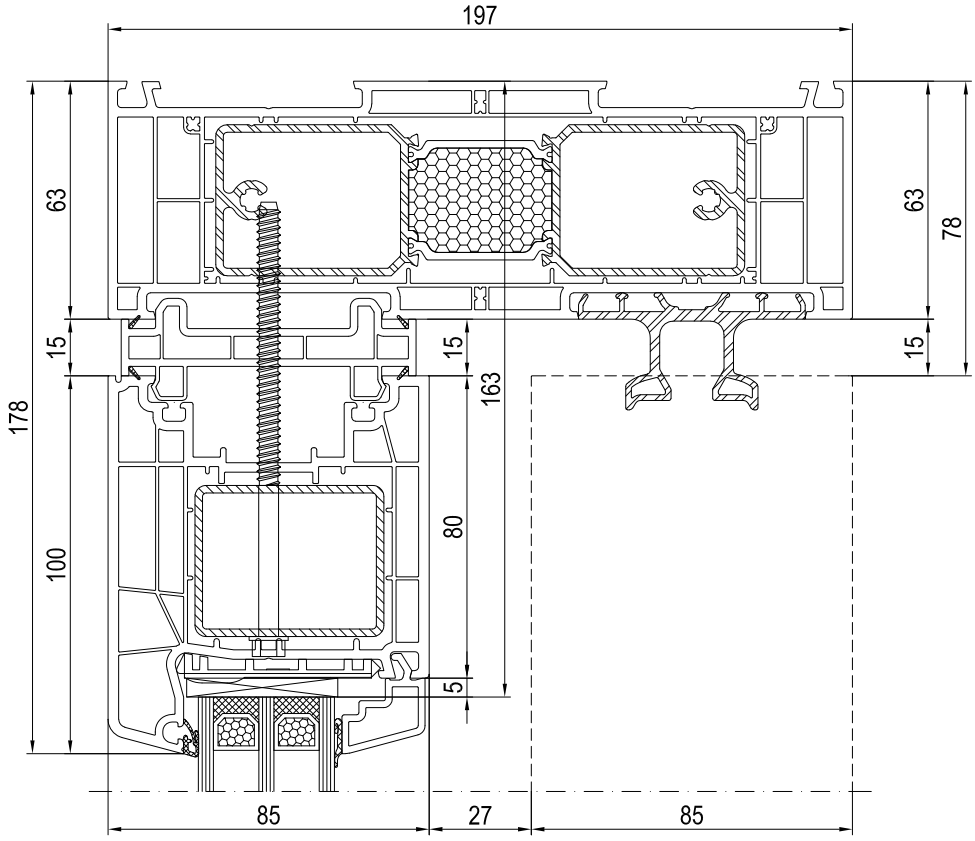
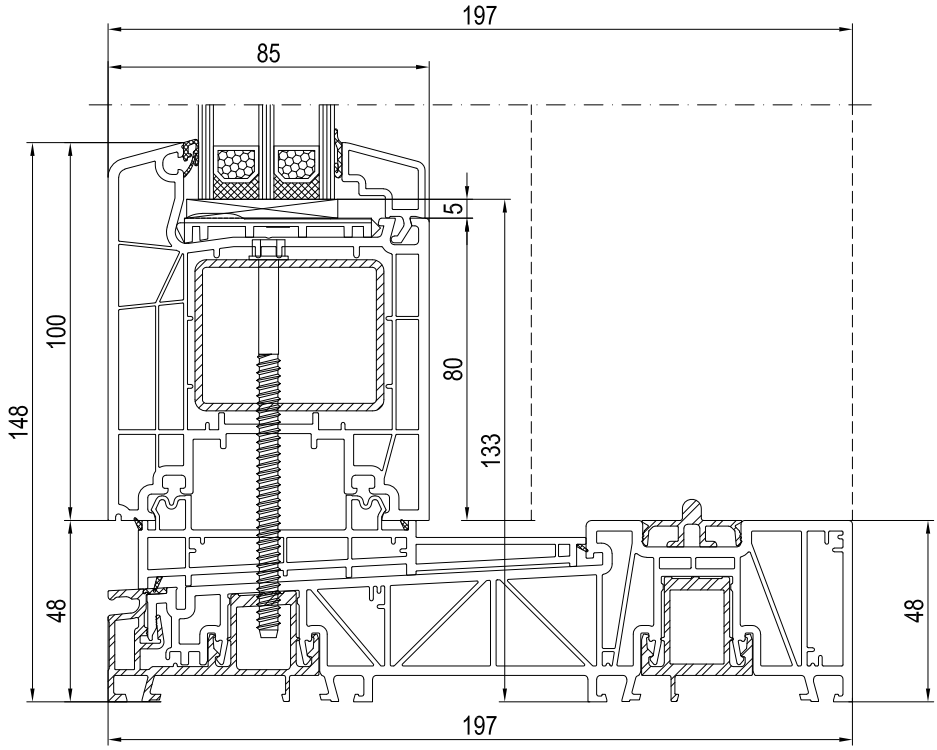
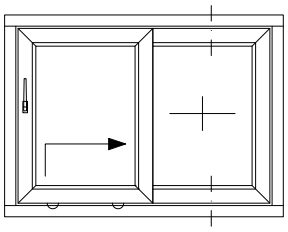
Lift-and-slide

sliding sash / standard version





Schema A



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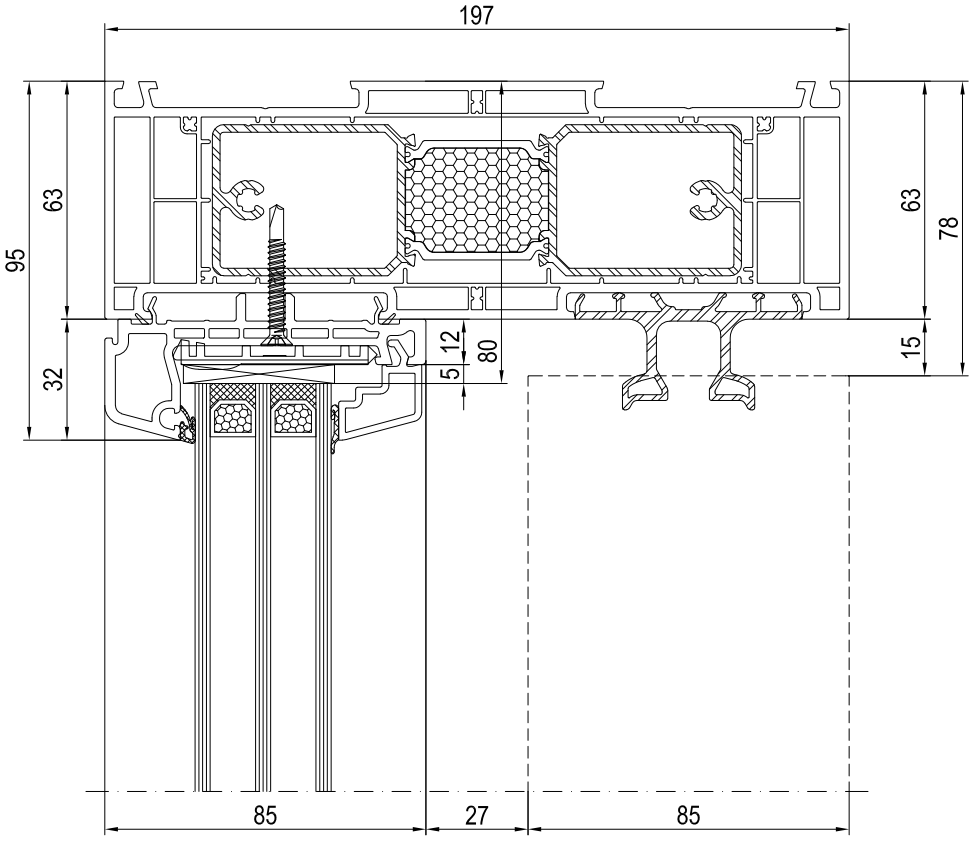
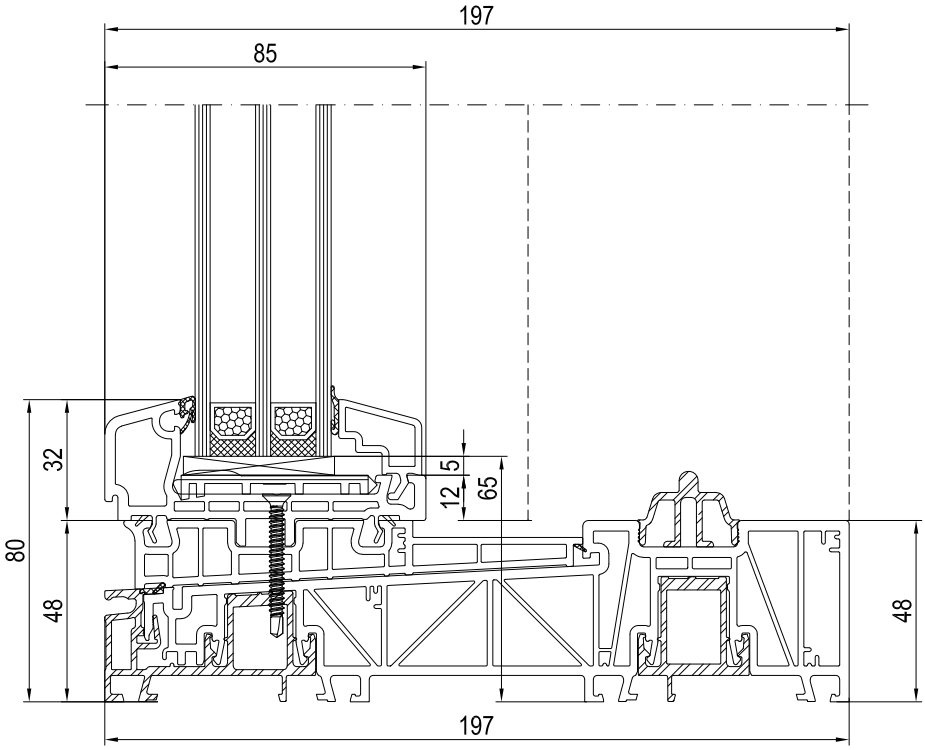
Kunststoff-Fenstersysteme

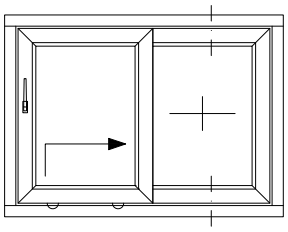
Lift-and-slide

fixed sash option BF/ standard version





Schema A



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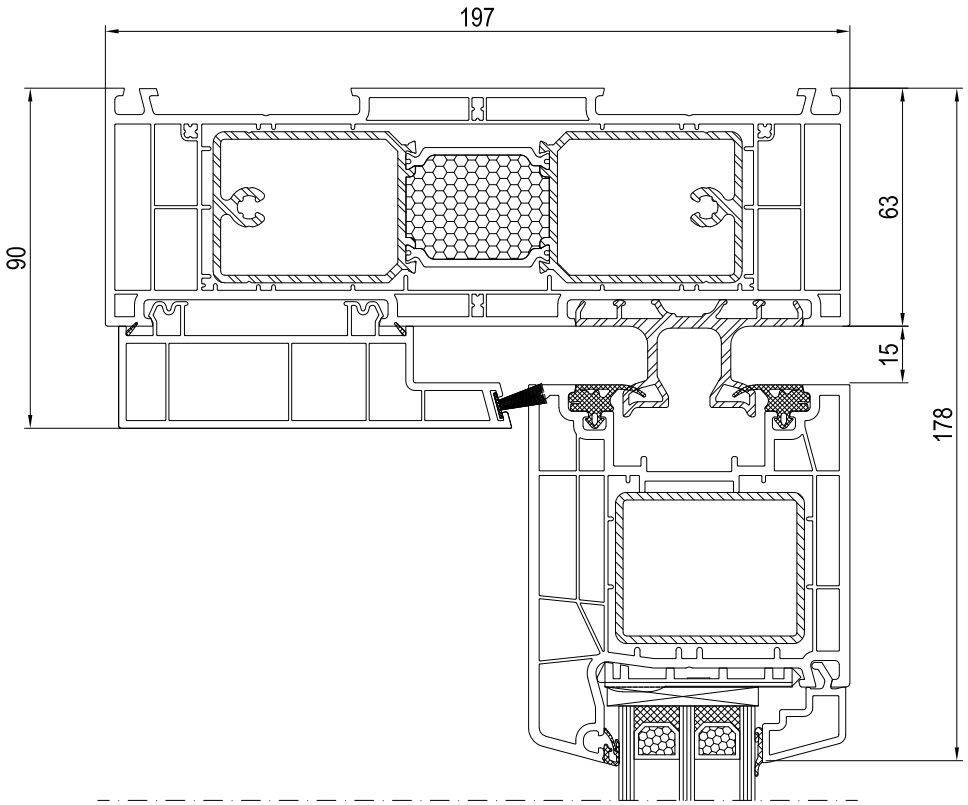
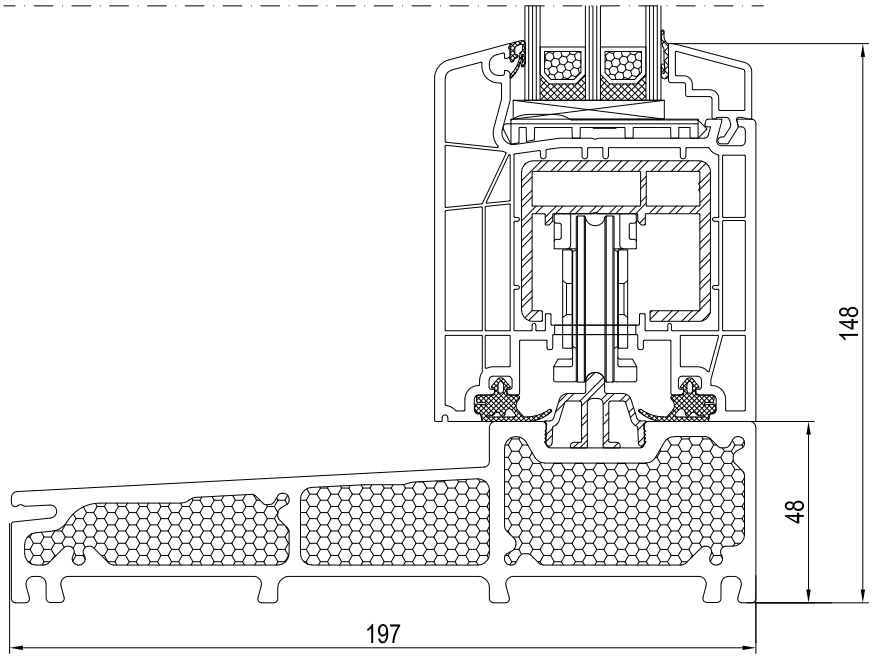
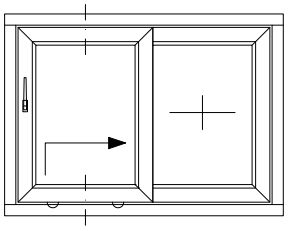
Lift-and-slide

fixed sash option FF/ standard version





Schema A



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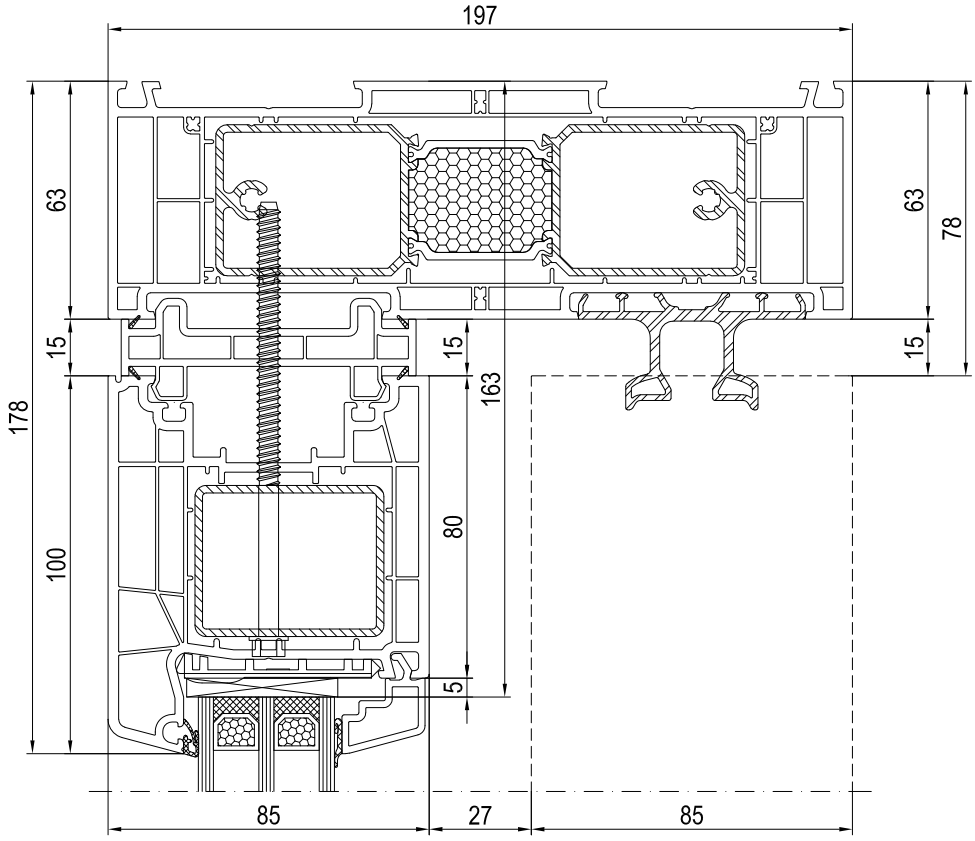
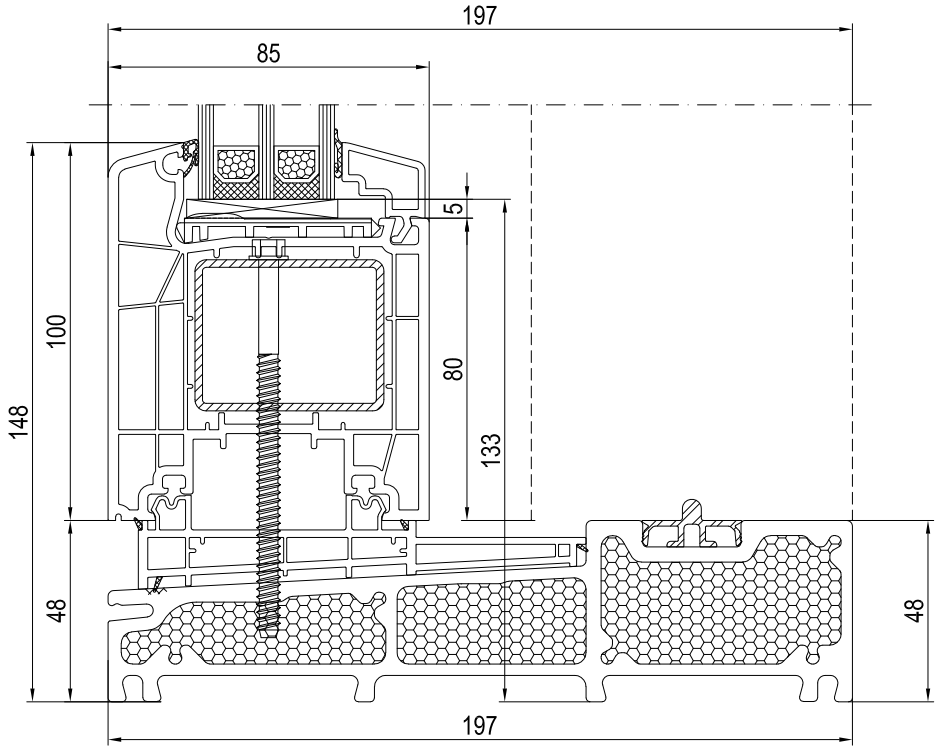
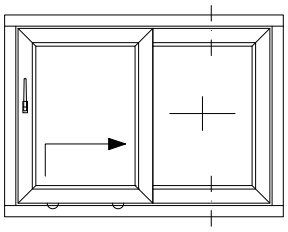
Lift-and-slide

sliding sash / premium version





Schema A



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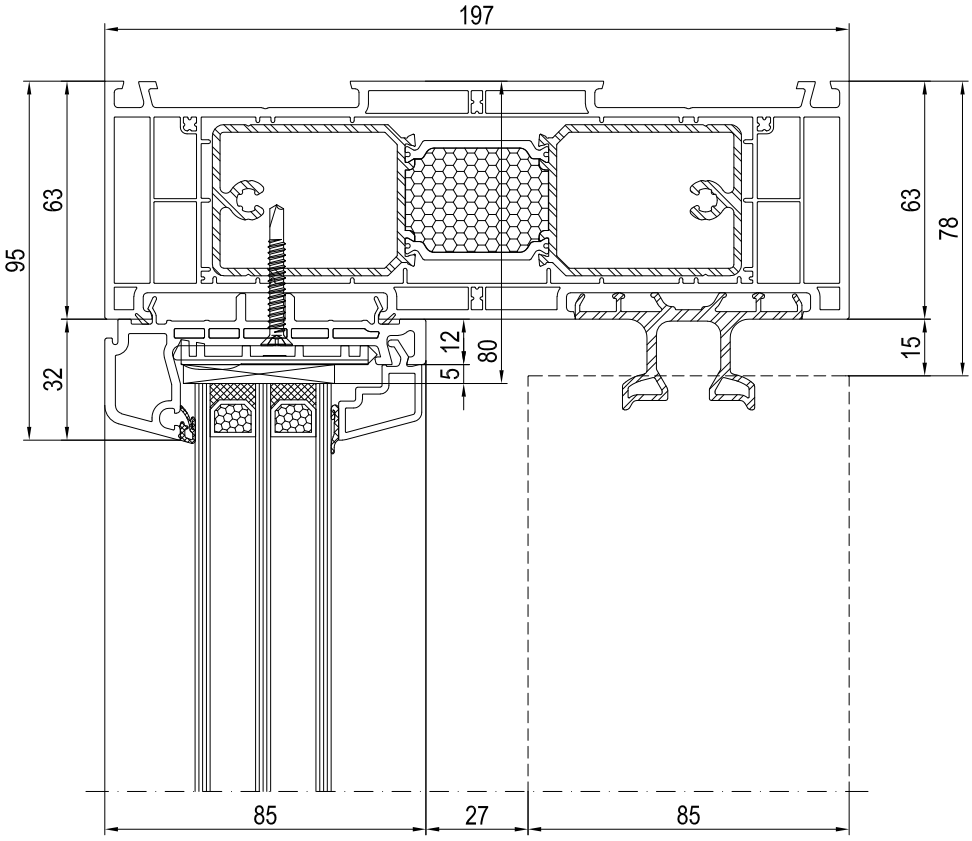
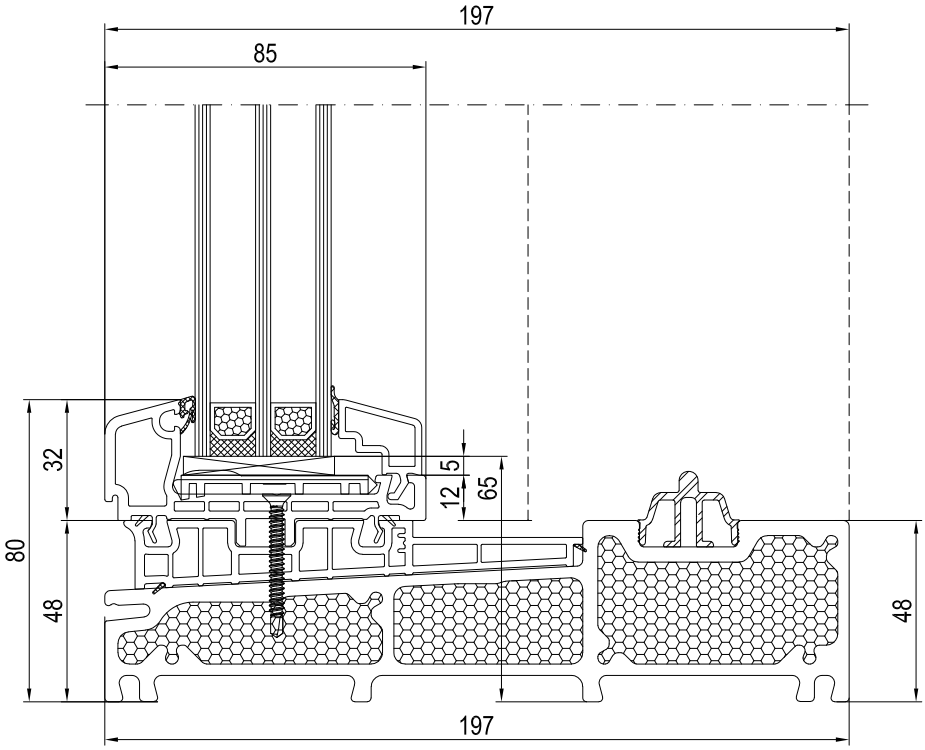
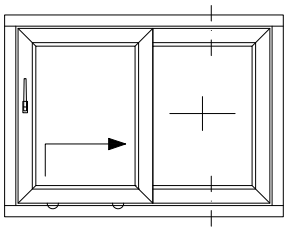
Lift-and-slide

fixed sash option BF/ premium version





Schema A



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Lift-and-slide

fixed sash option FF/ premium version

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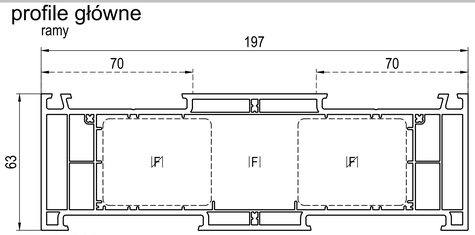
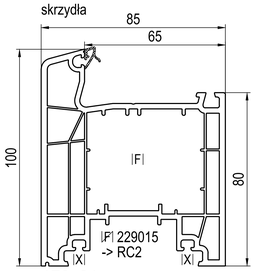
profile główne

ramy



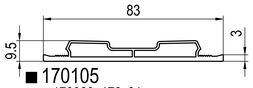
■ 170080
|F| 24922x, 27910x
|P| 229125, 229126 (2x)
|P| 279380, 279383, 279384
|Z| 670380, 679321

skrzydła

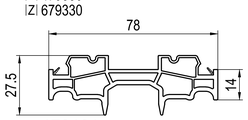


■ 170x81 (CL)
|A| 670301
|F| 229125, 229126, 279036, 279082, 279083, 279084
|F| 229114, 229115 + |Z| 670290
|P| 279381, 279382, 279386
|X| 479181
|Z| 679303, 679341

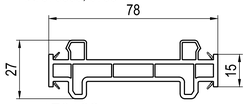
profile dodatkowe



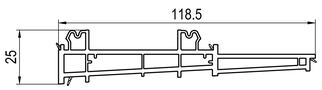
■ 170105
->170080, 170x81
|X| 479330
|Z| 679330



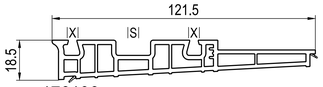
■ 170101
-> 170080, 170x81
|X| 679305, 679340



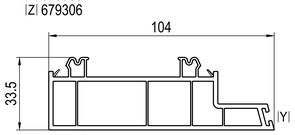
■ 170102
->170x81
|Z| 679302



◪ 176103 sz
-> 170x81
|X| 679300
|Z| 679302, 679303

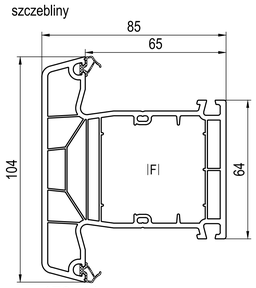


◪ 176106 sz
|S| 277138, 277180
|X| 420250, 421250, 423250, 429250
|X| 679300
|Z| 679306

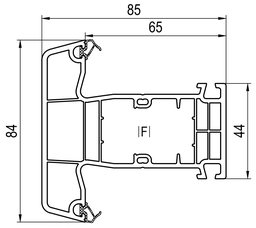


■ 170104
-> 170080
|Y| 449901, 459933
|Z| 679304

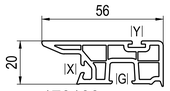
szczebliny



■ 170x44 (CL)
-> 170x81
|A| 670301
|D| 677145 |D| 677146 ~170x4x ...
|O| 670950
|D| 640046 ~ uniwersalny
|F| 249034, 249035
|P| 289343

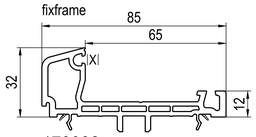


■ 170x41 (CL)
-> 170x81
|A| 670301
|D| 677101, 679141 ~170x4x ...
|O| 670950
|D| 650047 ~ uniwersalny
|F| 259043, 259044
|P| 289341



■ 170100
-> 170x81
|G| 652923
|O| 670901
|X| 479180
|Y| 449901, 459933

fixframe



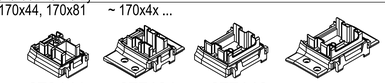
◪ 170082 (CL)
|P| 279306, 279307
|X| 477025, 479025, 477015, 479015
|Z| 679306, 679382

dodatki

|A| podkładki do szklenia
-> 170x41, 170x44, 170x81

670301

|D| łączniki słupka z kołnierzami P~plastikowy -> szczebliny
|Đ| łączniki słupka bez kołnierzy
-> 170x41, 170x44, 170x81 ~ 170x4x ...

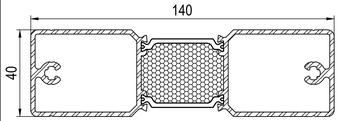


|D| 679141 P |D| 677101 |D| 677146 |D| -
|Đ| - |Đ| - |Đ| - |Đ| 677145
-> 170x41 -> 170x41 -> 170x44 -> 170x44
|O| 670950 |O| 670950 |O| 670950 |O| 670950

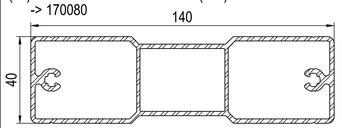
-> uniwersalny

|D| 650047 P |D| 640046 P
-> 170x41 2x -> 170x44

|F||P| wzmocnienia (...) = Ix

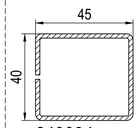


24922x
(65)249228 s=2.0 l= 6.7m (197)aluminium
-> 170080

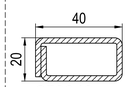


27910x
(69)279108 s=2.0 l= 6.7m (206)aluminium
-> 170080

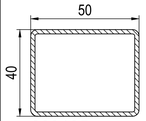
-> szczebliny



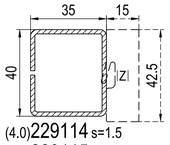
(6.1)249034 s=1.25
(9.2)249035 s=2.0
-> 170x44



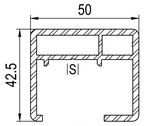
(3.9)259043 s=1.5
(5.6)259044 s=2.5
-> 170x41



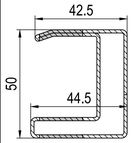
(12.1)229125 s=2.0
(16.8)229126 s=3.0
-> 170080 (2x),
170x81



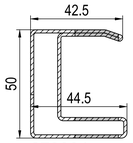
(4.0)229114 s=1.5
(5.0)229115 s=2.0
-> 170x81
+ |Z| 670290



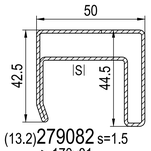
(5.9)279036 s=2.8
(17.8)aluminium
-> 170x81
|S| 279189



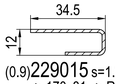
(13.2)279083 s=1.5
~ |F| 279082 z otworami
l= 2.30m niebieski
-> DIN lewe
-> 170x81



(13.2)279084 s=1.5
~ |F| 279082 z otworami
l= 2.30m czerwony
-> DIN prawe
-> 170x81



(13.2)279082 s=1.5
-> 170x81
|S| 279189

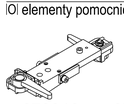


(0.9)229015 s=1.5
-> 170x81 -> RC2

|G| śruby zatrzaskowe / klipsy

652923
-> PVC
-> 170100
|O| 670901

|O| elementy pomocnicze

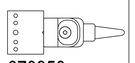


670918
-> |Z| 670380,
679321

670901
-> |G| 652923
+ 170100

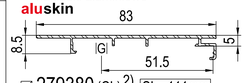
670941
-> |Z| 679341

-> szczebliny

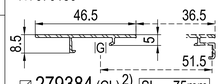


670950
-> |D| 677101,
677146,
679141
-> |D| 677145

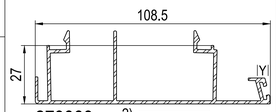
|P| nakładki aluminiowe
aluskin



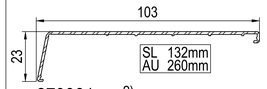
◪ 279380 (CL) 2)
-> 170080 (CL)
|G| 670180
SL 111mm
AU 237mm



◪ 279384 (CL) 2)
-> 170080 (CL)
|G| 670180
SL 75mm
AU 120mm

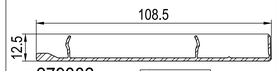


◪ 279383 (CL) 2)
-> 170080 (CL)
|Y| 459933
SL 212mm
AU 516mm



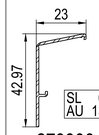
◪ 279381 (CL) 2)
-> 170x81 (CL)
SL 132mm
AU 260mm

◪ 279386 (CL)
-> 170x81 (CL)
SL 84mm
AU 160mm

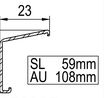


◪ 279382 (CL)
-> 170x81 (CL)
SL 125mm
AU 284mm

◪ 279387 (CL)
-> 170101 (CL)
SL 39mm
AU 59mm

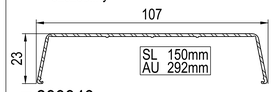


◪ 279306 (CL)
-> 170082 (CL)
+ 176106
SL 66mm
AU 136mm

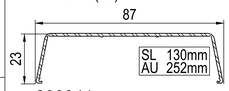


◪ 279307 (CL)
-> 170082 (CL)
SL 59mm
AU 108mm

-> szczebliny



◪ 289343 (CL)
-> 170x44 (CL)
SL 150mm
AU 292mm



◪ 289341 (CL)
-> 170x41 (CL)
SL 130mm
AU 252mm

|G| śruby zatrzaskowe / klipsy
aluskin

670180 bi
-> |P| 279380,
279384

|X| uszczelki
aluskin

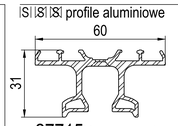
lub

459951 cza 449986 cza
- pbi 447986 pbi
-> oszklenie

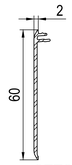
|Y| uszczelki szczotkowe
aluskin

459933 cza
-> 170100,
170104
-> |P| 279383

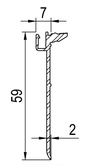
|S||S|||S| profile aluminiowe



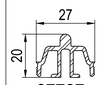
27715x z otworami
◪ 2771500003000 l= 3.00m
◪ 2771500004500 l= 4.50m
◪ 2771500006700 l= 6.70m
aluminium
-> 170080
|X| 679340
|Z| 6793410000098



◪ 277206 l= 6.70m
aluminium
-> |U| 27726x, 27924x



◪ 277211 l= 6.70m
aluminium
-> |U| 27726x, 27924x
|S| 277207, 277208, 277209

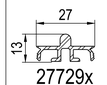


27727x
◪ 2772700003000 l= 3.00m
◪ 2772700004500 l= 4.50m
◪ 2772700006700 l= 6.70m
aluminium
-> |U| 27726x, 27924x

◪ 277138 l= 6.70m
aluminium
-> 176106
-> |S| 277106
-> |U| 27716x

◪ 277205 l= 6.70m
aluminium
-> |U| 27726x, 27924x
|S| 247200, 247900

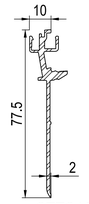
◪ 277212 l= 6.70m
aluminium
-> |U| 27726x, 27924x
|S| 277207, 277208, 277209



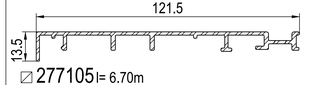
27729x
◪ 2772900003000 l= 3.00m
◪ 2772900004500 l= 4.50m
◪ 2772900006700 l= 6.70m
aluminium
-> |U| 27726x, 27924x

◪ 277180 l= 6.70m
aluminium
-> 176106
-> |S| 277106
-> |U| 27716x

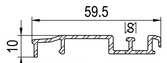
◪ 279189 l= 6.00m
aluminium
|F| 279036, 279082
|S| 277138, 277180



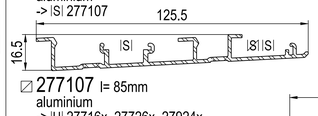
◪ 277213 l= 6.70m
aluminium
-> |U| 27726x, 27924x
|S| 277207, 277208, 277209



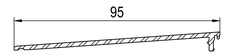
◪ 277105 l= 6.70m
aluminium
-> |S| 277107



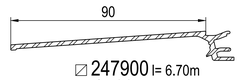
◪ 277106 l= 6.70m
aluminium
-> |S| 277107
|S| 277138, 277180



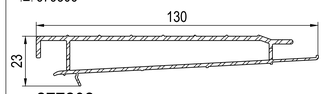
◪ 277107 l= 85mm
aluminium
-> |U| 27716x, 27726x, 27924x
|S| 277106 |S| 277105
|Z| 679306



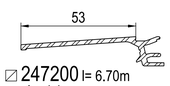
◪ 277209 l= 6.70m
aluminium
-> |S| 277211, 277212,
277213



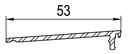
◪ 247900 l= 6.70m
aluminium
-> |S| 277205



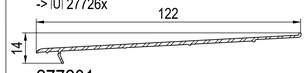
◪ 277202 l= 6.70m
aluminium
-> |U| 27726x



◪ 247200 l= 6.70m
aluminium
-> |S| 277205



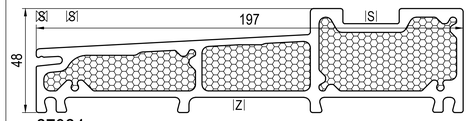
◪ 277208 l= 6.70m
aluminium
-> |S| 277211, 277212,
277213



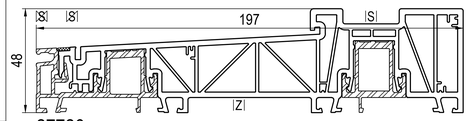
◪ 277201 l= 4.60m (2772010004600)
aluminium
-> |U| 27726x

◪ 277207 l= 6.70m
aluminium
-> |S| 277211, 277212,
277213

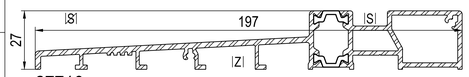
|U| progi
+ GFK(GRP)



27924x GFK(GRP)
◪ 2792400003020 sz l= 3.00m
◪ 2792400004520 sz l= 4.50m
◪ 2792400006720 sz l= 6.70m
|S| 27727x, 27729x
|S| 277107
|S| 277205, 277206, 277211, 277212, 277213
|Z| 679304, 679321



27726x PVC / aluminium
◪ 2772600003000 sz l= 3.00m
◪ 2772600004500 sz l= 4.50m
◪ 2772600006700 sz l= 6.70m
|S| 27727x, 27729x
|S| 277107, 277201, 277202
|S| 277205, 277206, 277211, 277212, 277213
|Z| 679304, 679321



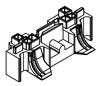
27716x PVC / aluminium
◪ 277168 sz l= 6.70m
|S| 277138, 277180
|S| 277107
|Z| 679304, 679321 obcięty

|X| uszczelki

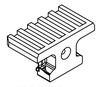
479181 cza
-> 170x81

479180 cza
-> 170100

479330 cza
-> 679330
+ 170105



679305 sz
-> 170101
+ 27716x, 27726x,
27924x



679340 sz
-> 170101
+ 27715x

679300 sz
-> 679303 + 176103
-> 679306 + 176106

479025 cza
477025 pbi
standard

479015 cza
477015 pbi
TPE

459922 cza
- pbi

459925 cza
450925 pbi

459923 cza
- pbi

420250 bi
421250 br
423250 oc
429250 cza
-> 176106

429334 cza
427334 pbi

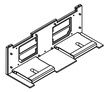
429330 cza
420330 bi

|Y| uszczelki szczotkowe

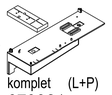
449901 sz
-> 170100,
170104
standard

459933 cza
-> 170100,
170104
-> |P| 279383

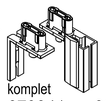
|Z| pozostałe dodatki



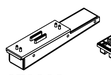
670380 bi
-> 170080
+ 170080
|O| 670918



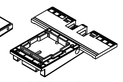
komplet (L+P)
679321 sz
-> 170080
+ 27716x, 27726x,
27924x
|O| 670918



komplet
679341 sz -98
6793410000098
-> 170x81
+ 27715x
|O| 670941



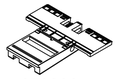
679302 sz
-> 170102
+ 176103



679303 sz
-> 170x81
+ 176103

679304 sz
-> 170104
+ 27716x, 27726x,
27924x

670382 bi
-> 170x81
+ 170082



679306 sz
-> 176106,
|S| 277107

679330 sz
-> 170105
|X| 479330

670290
~15x42.5x1000 mm
-> 170x81
+ |F| 229114, 229115

|A| ... |X| ...
|G| ... |Y| ...
|Z| ...
*
komplet
679390 -98
dodatki
-> schemat A
* patrz cennik

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line

br brąz
sz szary
oc ochra
cza czarny
pbi papirusowa biel
bi biały

1)

2)

lub

SL długość widoczna

AU obwód zewnętrzny

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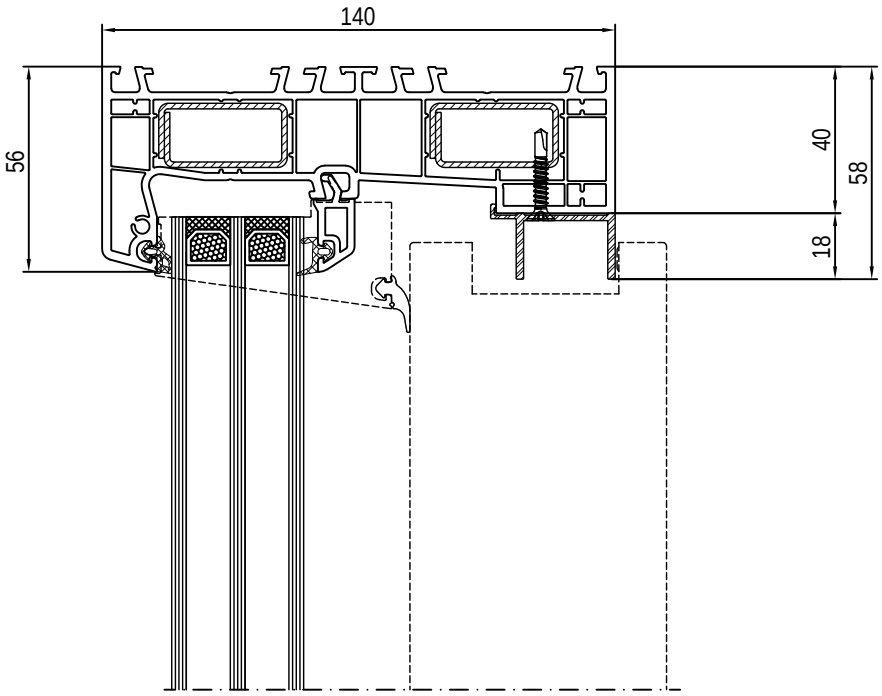
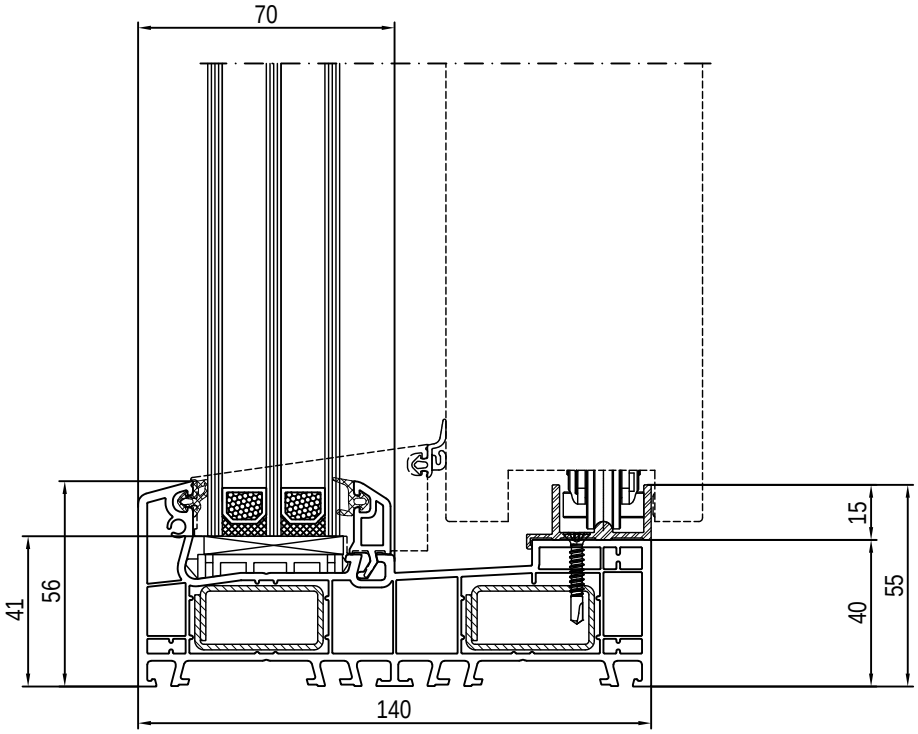


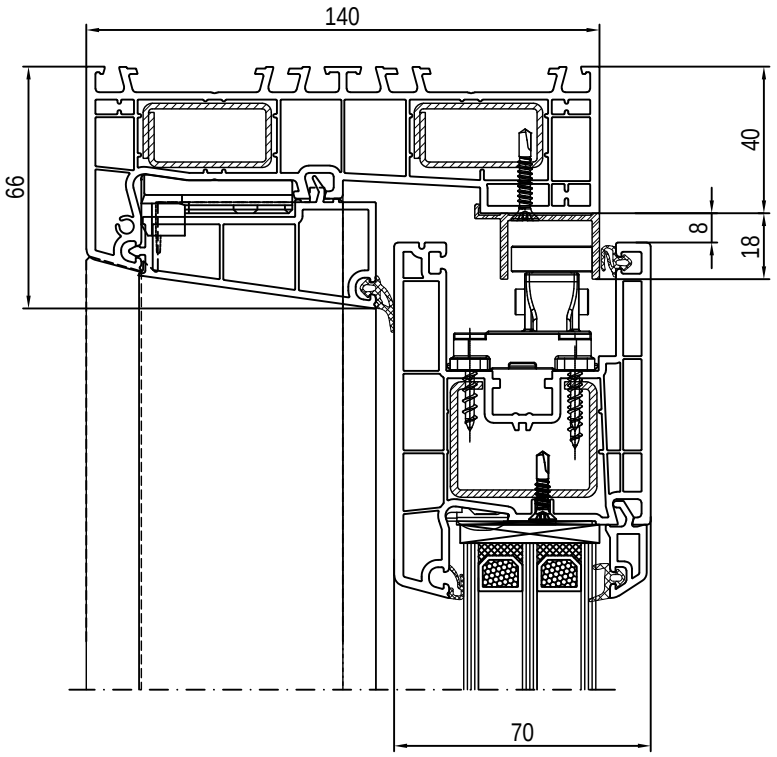


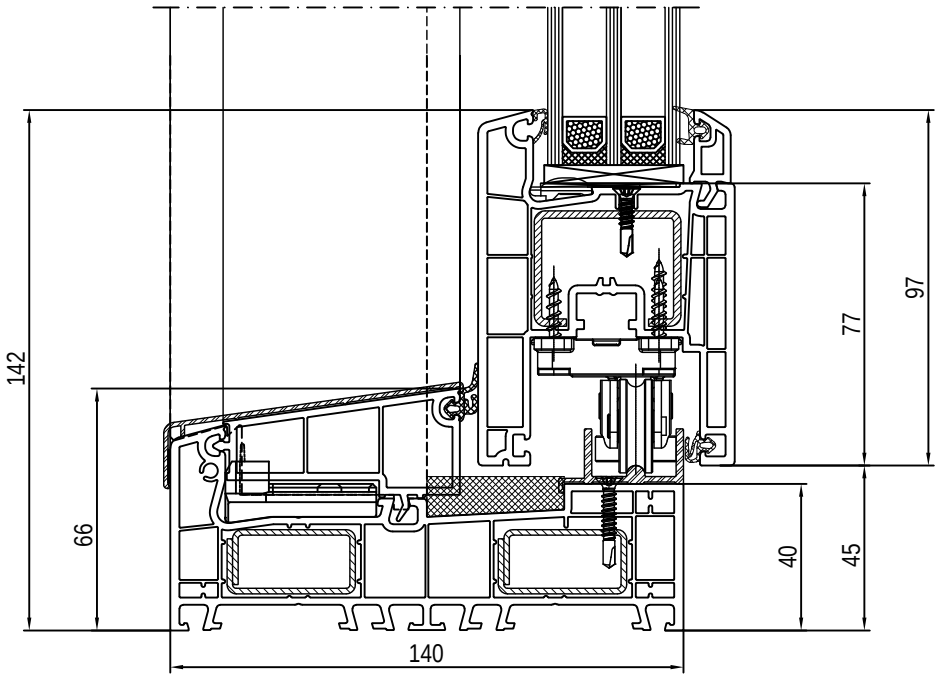
frame profile 140mm: 100x91
sash profile 70mm: 100x94
glazing bead: 120832

aluplast
Kunststoff-Fenstersysteme

SMART-SLIDE

fixed sash





frame profile 140mm: 100x91
sash profile 70mm: 100x94
glazing bead: 120832

aluplast
Kunststoff-Fenstersysteme

SMART-SLIDE

sliding sash

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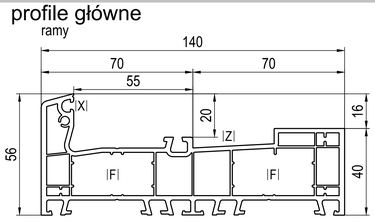
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

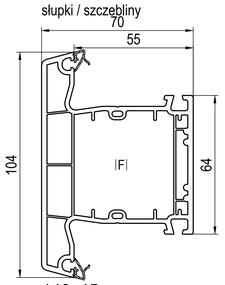
profile główne

ramy



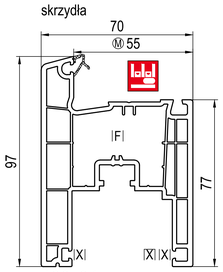
■ 100091 (CL)
|A| 640301, 640320
|F| 229037
|P| 209391
|Q| 207291 -> 100091 + 100291
|X| 477025, 479025, 477015, 479015
|Z| 609291
-> Hautau, Winkhaus
|S| 207273, 207275, 207276
-> G-U, Roto
|S| 207293, 207295, 207296
-> Siegenia
|S| 207283 + |S| 207285, 207286
|S| 207284 + |S| 207286

słupki / szczebliny

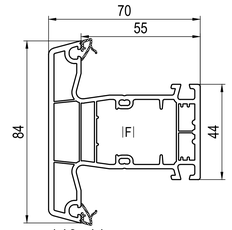


■ 140x45 (CL)
|A| 640301, 640320
|D| 677133 ~140x4x ...
|D̸| 647136, 677103 ~140x4x ...
|O| 640901
|D̸| 647245 ~ Ⓜ 55
|D| 640046 ~ uniwersalny
|F| 249034, 249035
|P| 249343

skrzydła

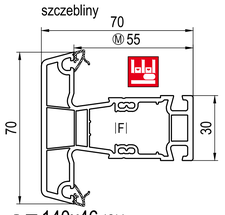


Ⓜ ■ 100x94 (CL)
|A| 655251, 650252, 620250, 650250
|F| 209294
|J| 642261, 642262, 642263, 646265, 646266
|P| 209394
|X| 409284
-> Hautau, Winkhaus
|S| 207270, 207297
-> G-U, Roto
|S| 207290, 207292, 207297
|X| 447340, 449340, 447042, 449042
-> Siegenia
|S| 207282



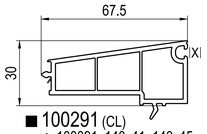
■ 140x41 (CL)
|A| 640301, 640320
|D| 647131, 647132 ~140x4x ...
|D̸| 647101, 647102 ~140x4x ...
|O| 640900
|D̸| 647241 ~ Ⓜ 55
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101
|P| 249341

szczebliny

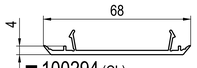


Ⓜ ■ 140x46 (CL)
|A| 655251, 650252, 620250, 650250
|D̸| 647146 ~ Ⓜ 55
|F| 249046
|J| 642261, 642262, 642263, 646265, 646266

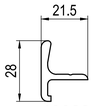
profile dodatkowe



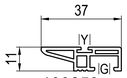
■ 100291 (CL)
-> 100091, 140x41, 140x45
|P| 209392 + |X| 459922
|Q| 207291 -> 100091 + 100291
|X| 407291, 409291



■ 100294 (CL)
-> 100x94



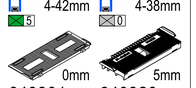
■ 190231
-> 100x94
-> Hautau, Winkhaus
-> G-U, Roto



■ 100253
-> 100x94
|G| 652923
|Y| 449901
-> Siegenia

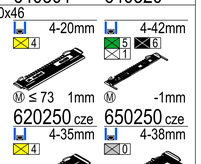
dodatki

|A| podkładki do szklenia — 4-42mm
-> 100091, 140x41, 140x45



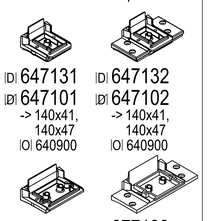
640301 640320

-> 100x94, 140x46
~ Ⓜ 55



620250 cze 650250 cze
650252 cze 655251 zie

|D| łączniki słupka z kołnierzami P~plastikowy
|D̸| łączniki słupka bez kołnierzy
-> 100091 ~ 140x4x ... ~słupki



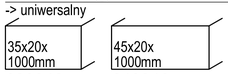
|D| 647131 |D| 647132
|D̸| 647101 |D̸| 647102
-> 140x41, 140x47 -> 140x41, 140x47
|O| 640900 |O| 640900

|D| - |D| 677133
|D̸| 647136 |D̸| 677103
-> 140x45 -> 140x45
|O| 640901 |O| 640901

-> 100x94 ~ Ⓜ 55 ~szczebliny

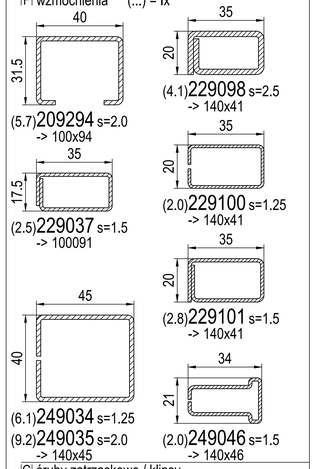
|D| - |D| - |D| -
|D̸| 647146 |D̸| 647241 |D̸| 647245
-> 140x46 -> 140x41, 140x47 -> 140x45
|O| - |O| - |O| -

-> uniwersalny



|D| 620046 P |D| 640046 P
-> 140x41 2x -> 140x45
(...) = Ix

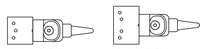
|F| wzmocnienia



(5.7)209294 s=2.0 -> 100x94
(4.1)229098 s=2.5 -> 140x41
(2.5)229037 s=1.5 -> 100091
(2.0)229100 s=1.25 -> 140x41
(2.8)229101 s=1.5 -> 140x41
(6.1)249034 s=1.25 -> 140x46
(9.2)249035 s=2.0 -> 140x45
(2.0)249046 s=1.5 -> 140x46

|G| śruby zatrzaskowe / klipsy
patrz
-> |P| aluskin
-> Siegenia

|O| elementy pomocnicze



640900 640901
-> |D| 647131, 647132 -> |D| 677133
-> |D̸| 647101, 647102 -> |D̸| 647136, 677103

|J| wklejane szyby — 24-42mm

	H [mm]
640033 cze	3
640034 żó	4
640035 zie	5

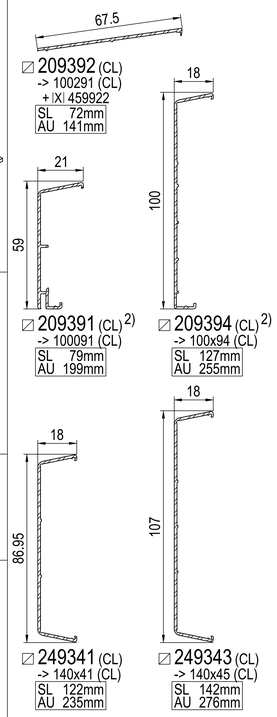
-> 100x94, 140x46
~ Ⓜ 55

642262 cza 642261 cza 642263 cza
646265 sz 646266 sz

|K| zaślepki do odwodnień

600292 komplet
~ Ø5x30mm

|P| aluskin nakładki aluminiowe



209392 (CL)
-> 100291 (CL)
+ |X| 459922
SL 72mm
AU 141mm

209391 (CL) 2)
-> 100091 (CL)
SL 79mm
AU 199mm

209394 (CL) 2)
-> 100x94 (CL)
SL 127mm
AU 255mm

249341 (CL)
-> 140x41 (CL)
SL 122mm
AU 235mm

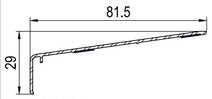
249343 (CL)
-> 140x45 (CL)
SL 142mm
AU 276mm

|X| uszczelki
-> |P| aluskin

459951 cza 449986 cza
- pbi lub 447986 pbi
-> oszklenie
-> 100091, 100x94, 140x41, 140x45, 140x46

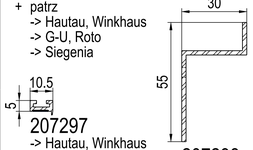
459922 cza
- pbi
-> 100291
+ |P| 209392

|Q| aluminiowe osłony przylgi



207291 (CL)
-> 100091 + 100291
SL 102mm
AU 205mm

|S| profile aluminiowe
+ patrz
-> Hautau, Winkhaus
-> G-U, Roto
-> Siegenia



207297
-> Hautau, Winkhaus
-> G-U, Roto
-> 100x94
|Y| 449901
SL 34mm
AU 46mm

207298
-> Hautau, Winkhaus
-> G-U, Roto
SL 43mm
AU 170mm

|X| uszczelki
+ patrz
-> |P| aluskin
-> G-U, Roto

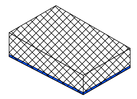
409291 cza 409284 cza 420250 bi
407291 pbi - pbi 421250 br
-> 100291 -> 100x94 423250 oc
429250 cza

479025 cza 479015 cza TPE
477025 pbi 477015 pbi
standard -> 100x94, 140x41, 140x45, 140x46
-> 100x94, 140x41, 140x45, 140x46

|Y| uszczelki szczotkowe

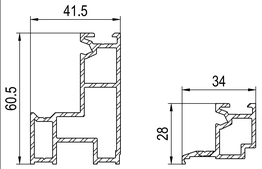
449901 sz
-> 100253
|S| 207297

|Z| pozostałe dodatki



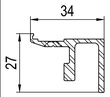
609291 cza
-> 100091

-> Hautau Move
-> Winkhaus duoPort AS
|S| profile aluminiowe
-> Hautau, Winkhaus

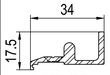


207270
-> 100x94
SL 193mm
AU 257mm
GU 488mm

207273
-> 100091
SL 119mm
AU 152mm
GU 213mm

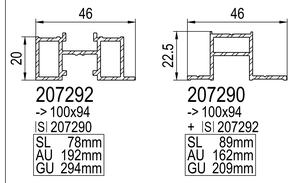


207276
-> 100091
SL 121mm
AU 159mm



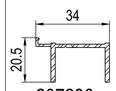
207275
-> 100091
SL 78mm
AU 116mm

-> G-U PSL PVC
-> Roto Patio Inowa
|S| profile aluminiowe
-> G-U, Roto

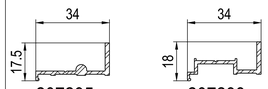


207292
-> 100x94
|S| 207290
SL 78mm
AU 192mm
GU 294mm

207290
-> 100x94
+ |S| 207292
SL 89mm
AU 162mm
GU 209mm



207296
-> 100091
SL 106mm
AU 143mm



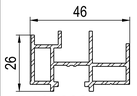
207295
-> 100091
SL 72mm
AU 109mm

207293
-> 100091
SL 81mm
AU 126mm

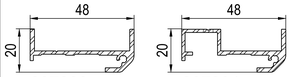
|X| uszczelki
-> G-U, Roto

449340 cza 449042 cza TPE 449343 cza
447340 pbi 447042 pbi 447343 pbi
standard -> 100x94 -> 100x94 -> 100x94

-> Siegenia Eco Slide
|S| profile aluminiowe
-> Siegenia

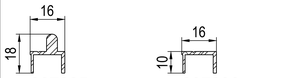


207282
-> 100x94
SL 84mm
AU 240mm
GU 329mm



207283
-> 100091
|S| 207285
|S| 207286
SL 112mm
AU 179mm

207284
-> 100091
|S| 207286
SL 112mm
AU 206mm



207285
|S| 207283
SL 40mm
AU 82mm

207286
|S| 207283, 207284
SL 27mm
AU 69mm

|G| śruby zatrzaskowe / klipsy
-> Siegenia

652923
-> 100253

Ⓜ wklejane szyby — opcja

⧄ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line

żó	żółty
zie	zielony
br	brąz
oc	ochra
cze	czerwony
cza	czarny
pbi	papirusowa biel
bi	biały

1)

2) lub

SL	długość widoczna
AU	obwód zewnętrzny
GU	obwód całkowity

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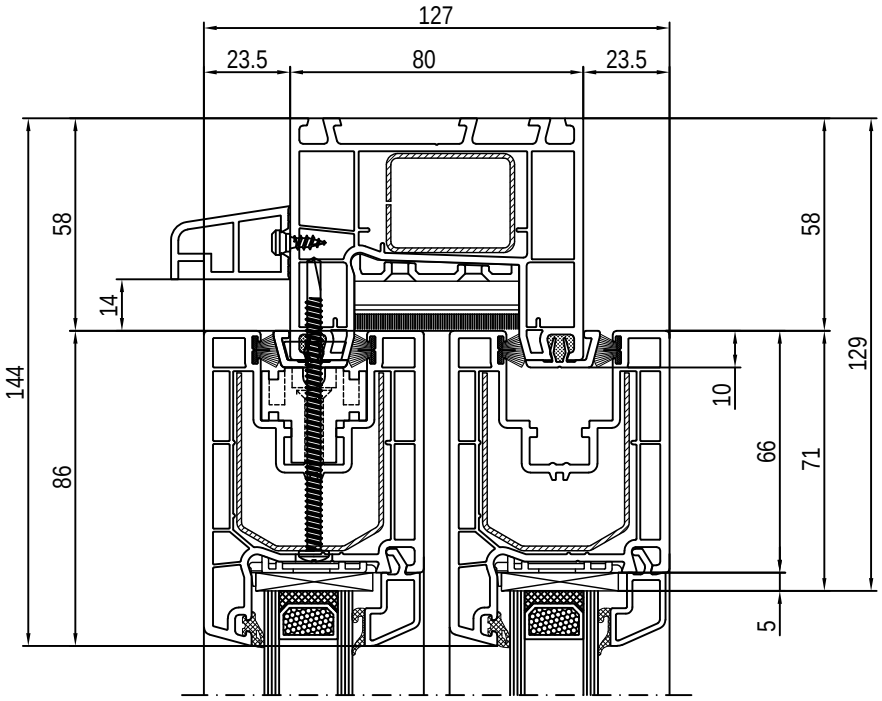
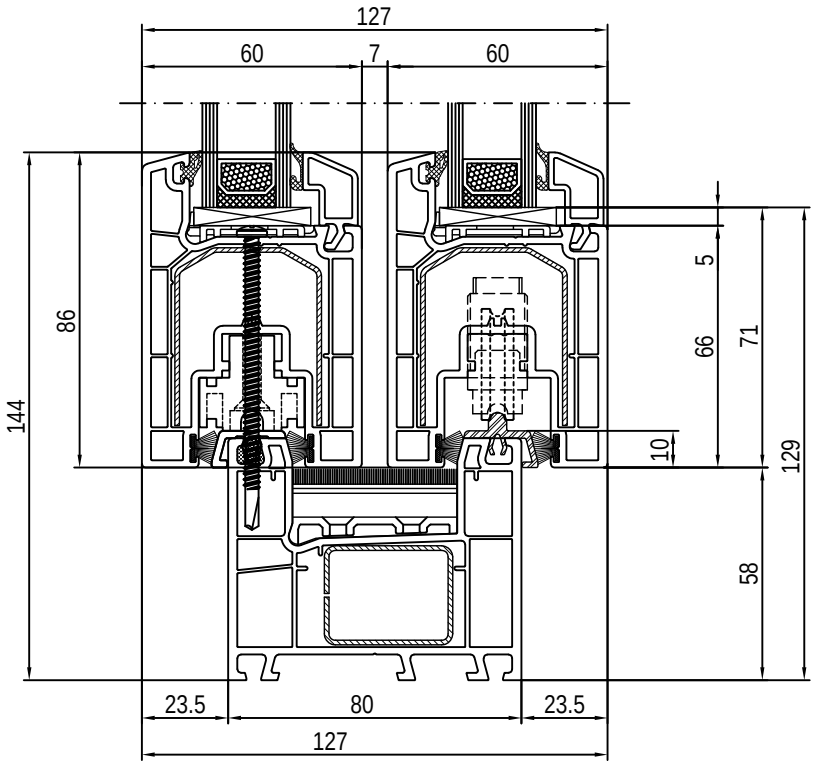
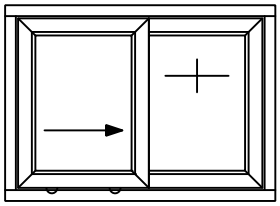




frame profile 140mm: 100x90
sash profile 70mm: 100x92
glazing bead: 140853

Schema A



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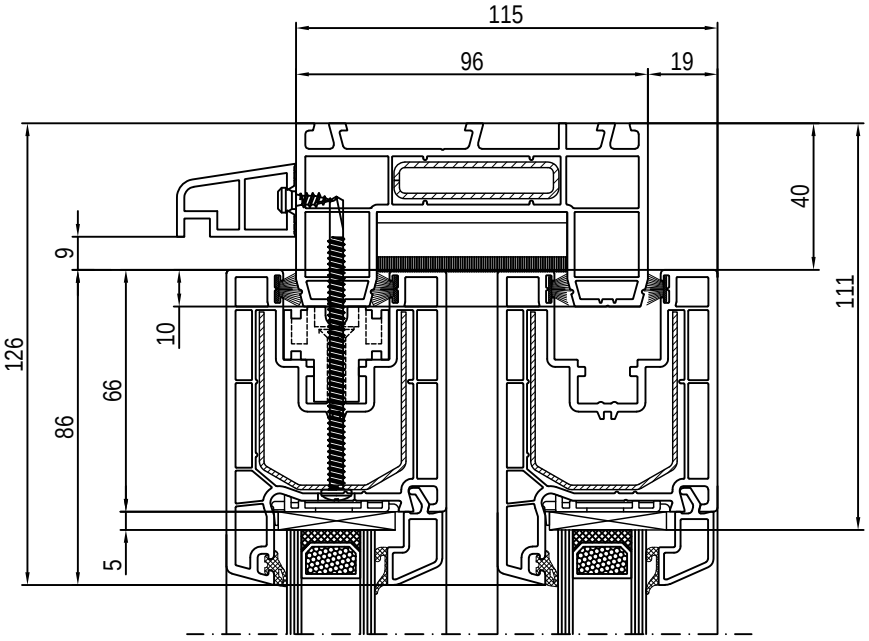
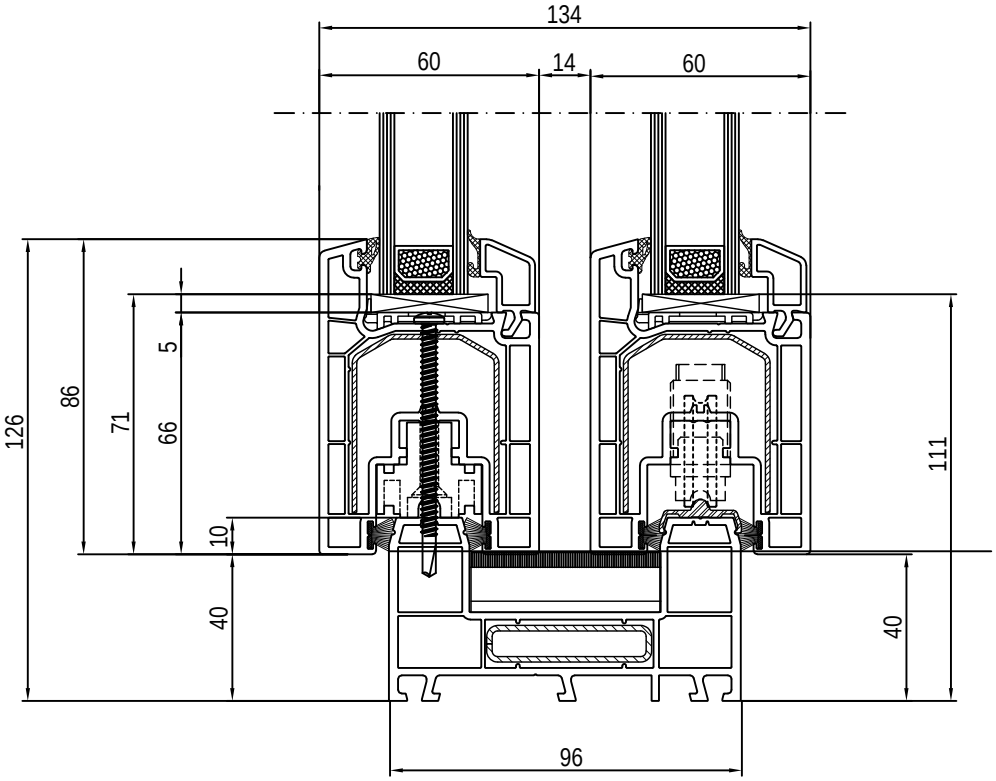
Multi-sliding-80

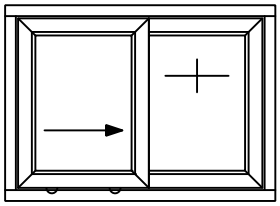
vertical section





frame profile 140mm: 100x97
sash profile 70mm: 100x92
glazing bead: 140853

Schema A



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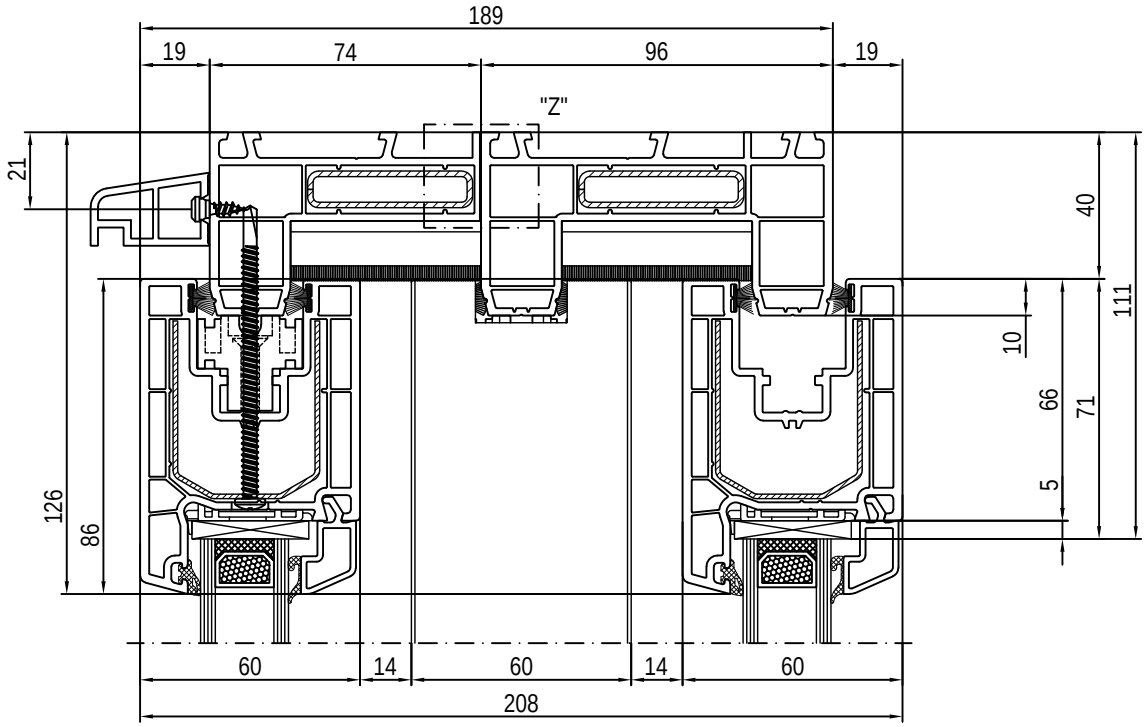
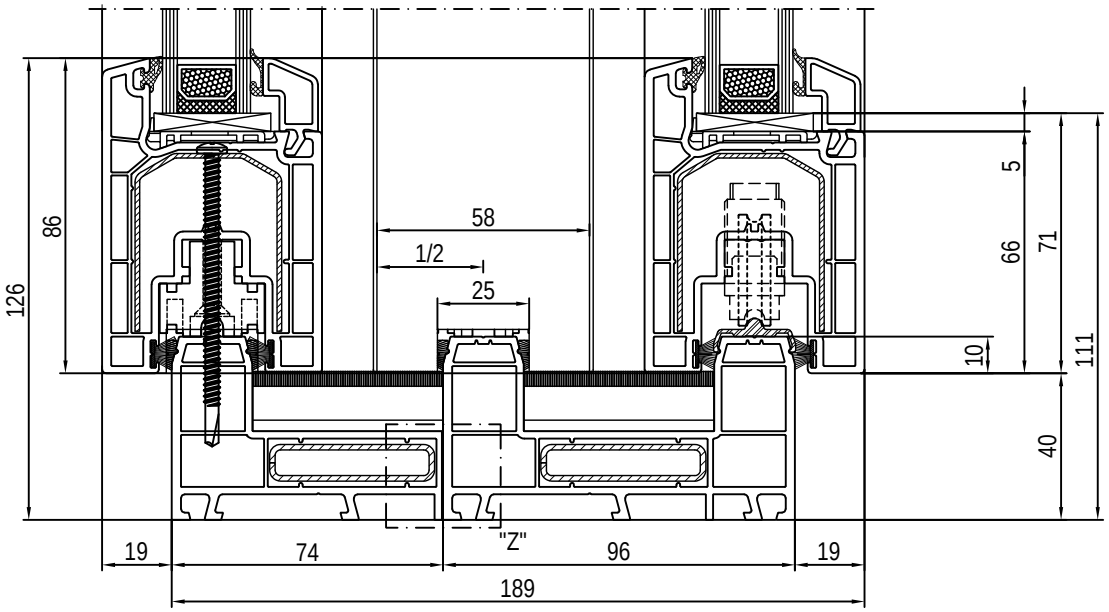
Kunststoff-Fenstersysteme

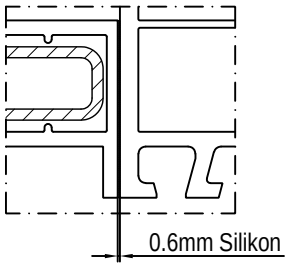
Multi-sliding-96

vertical section



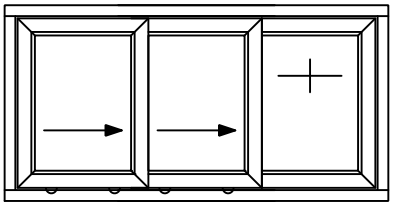


"Z"



frame profiles 170mm: 100097+100098
sash profile 70mm: 100x92
glazing bead: 140853

Schema An



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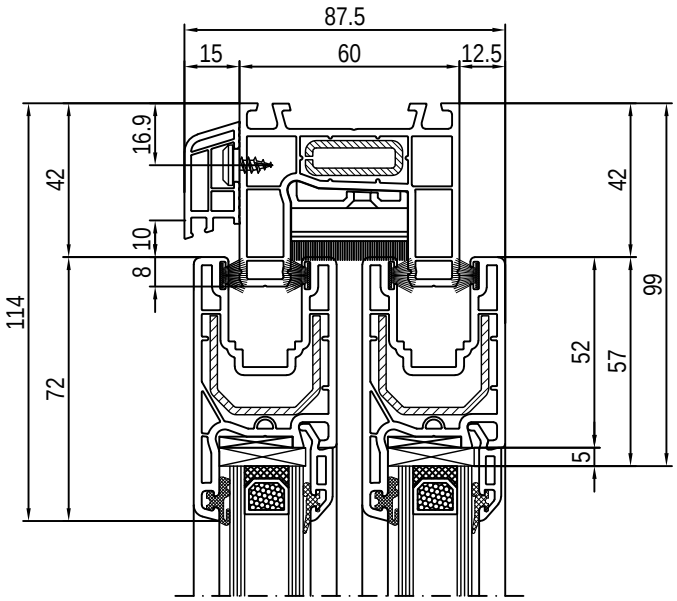
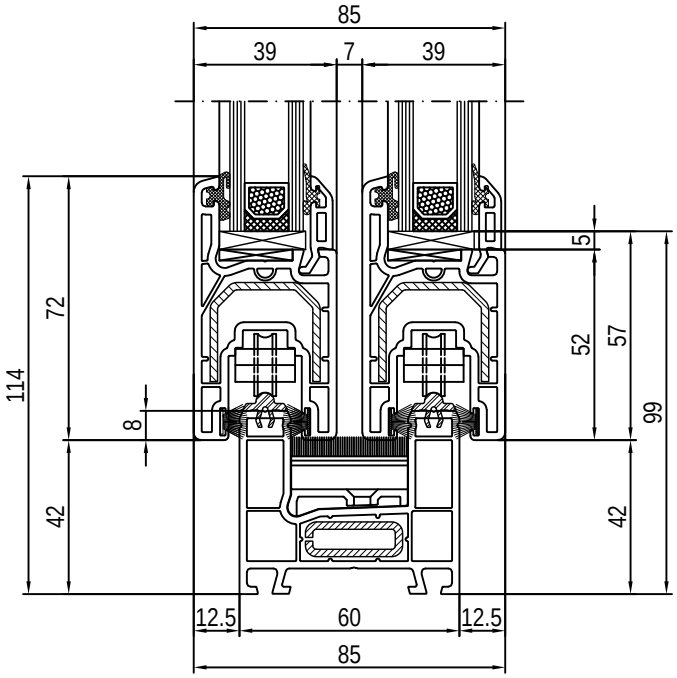
Kunststoff-Fenstersysteme

Multi-sliding - 96 + 74

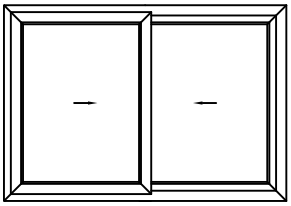
vertical section





frame profile 140mm: 100x69
sash profile 70mm: 100x72
glazing bead: 140131

Schema D



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Easy-slide

vertical section

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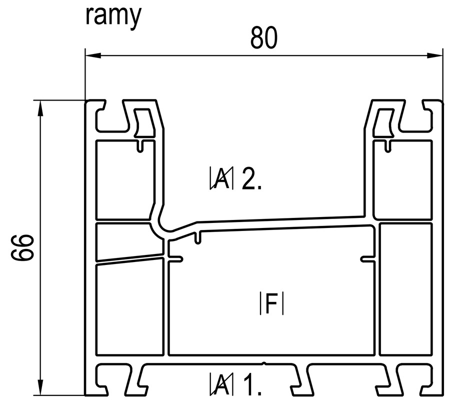
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

multi-slide

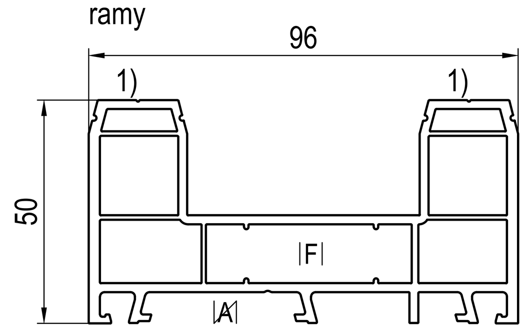
ramy



■ 100090 (CL)
|A| 1. 650001, 2. 650002
|F| 229023, 229024, 229025, 229026, 229029, 229030, 229102, 229103, 249026
|S| 207090, 250340
|Z| 600090

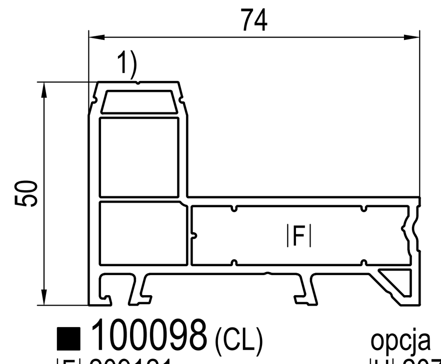
multi-slide

ramy



■ 100097 (CL)
|A| 650001
|F| 209121
|S| 207120 1), 200122
|Z| 600100

opcja
|U| 207125
|V| 606125

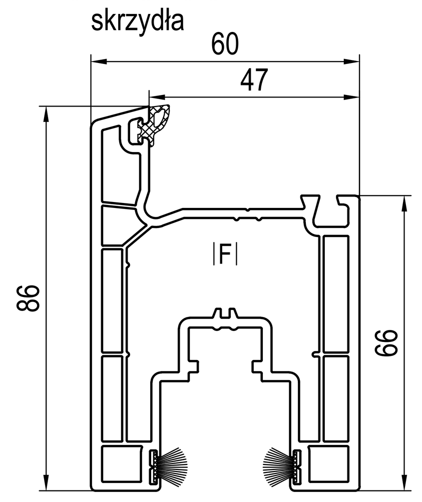


■ 100098 (CL)
|F| 209121
|S| 207120 1), 200122
|Z| 600100

opcja
|U| 207124

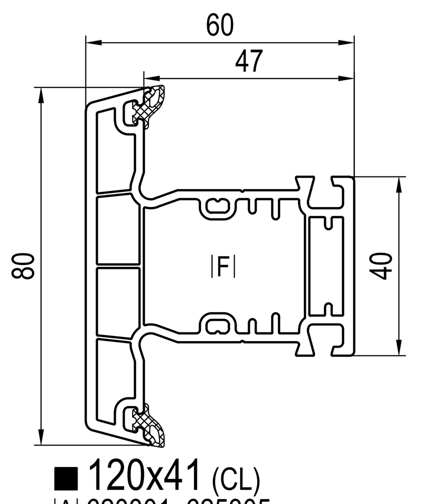
multi-slide

skrzydła



■ 100x92 (CL)
|A| 620301, 625305
|F| 209192, 209193
|S| 200070
|Z| 659946, 600094, 600092, 600098

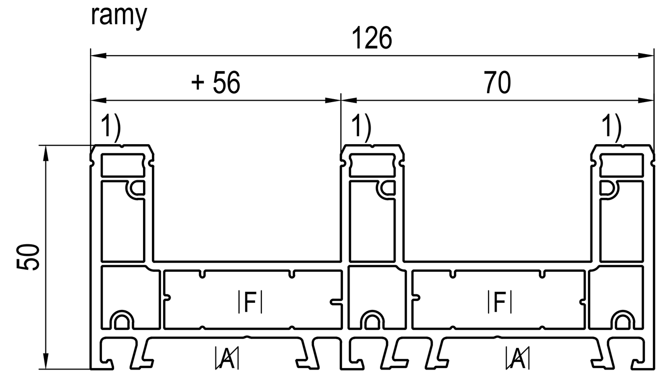
szczebliny



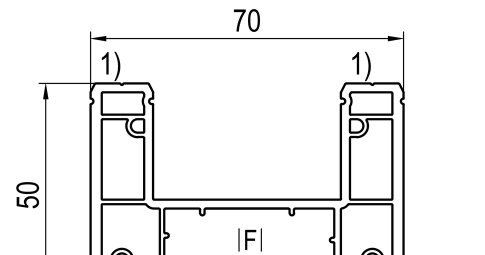
■ 120x41 (CL)
|A| 620301, 625305
|D| 629111, 627101, 627102
|Đ| 627131, 627132
|O| 620900
|Đ| 620116
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101

vario-slide

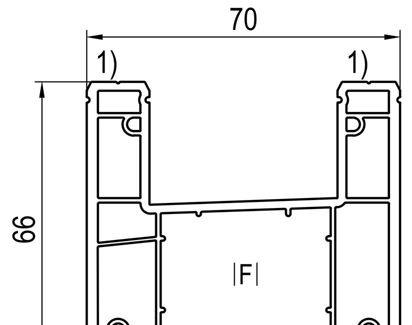
ramy



■ 100084 (CL)
|A| 650001
|F| 249019
|S| 207076 1), 200184
|Z| 600083



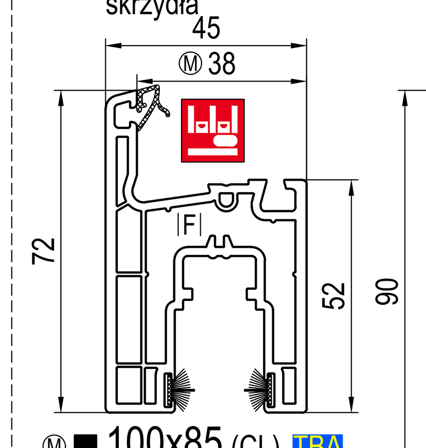
■ 100087 (CL) TBA
|A| 650001
|F| 249019
|S| 207076 1)
|Z| 600083



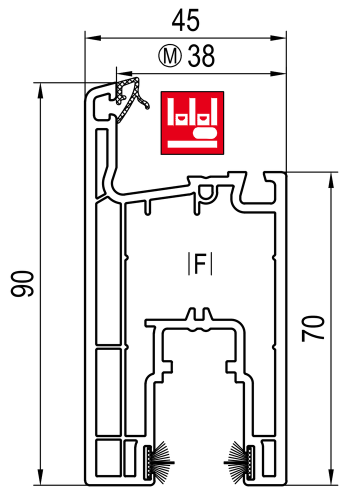
■ 100083 (CL)
|A| 650001
|F| 259906
|S| 207076 1), 200183
|Z| 600083

vario-slide

skrzydła



Ⓜ ■ 100x85 (CL) TBA
|A| 620250
|F| 209084, 209085
|J| 642261, 642262, 646265
|S| 200082, 200083
|Z| 600096, 650947



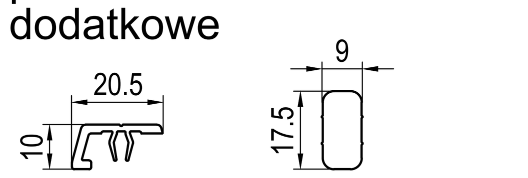
Ⓜ ■ 100x86 (CL)
|A| 620250
|F| 209086, 209087
|J| 642261, 642262, 646265
|S| 200080, 200081, 200082, 200083
|Z| 600095, 600096, 650947, 659946

Ⓜ wklejane szyby   opcja

multi-slide: 60 mm, 80 mm, 96 mm, CL

vario-slide: 45 mm, 70 mm, 126 mm, CL

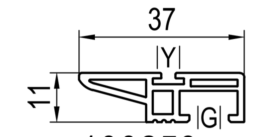
profile dodatkowe



■ 100292
-> 100090

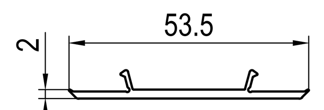
▨ 144256
-> 100069, 100071, 100090

profile dodatkowe

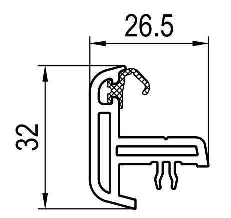


■ 100253
-> 100x92
|G| 652923
|Y| 459927

profile dodatkowe



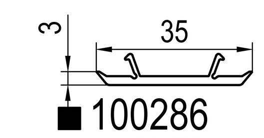
■ 100293
-> 100x92



▨ 120x97 (RL)
|C| 620097

-> 120x82, 120x86, 140x74, 140x76, 140x78, 140x82

profile dodatkowe

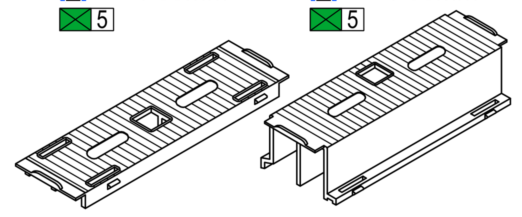


■ 100286
-> 100x72, 100x74, 100x85, 100x86

dodatki

-> ramy

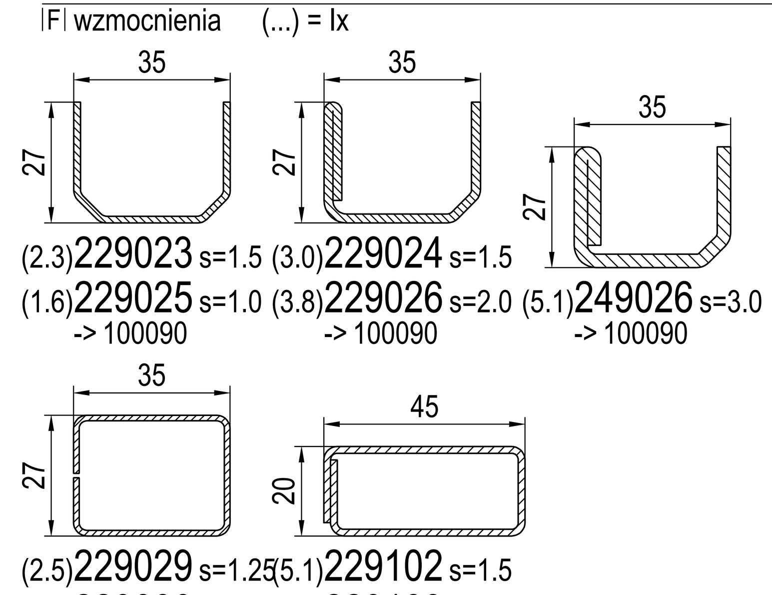
|A| podkładki do szklenia
4-58mm 5   4-33mm 5



650001
-> ramy

650002
-> 100090

|F| wzmocnienia (...) = Ix



(2.3)229023 s=1.5
(1.6)229025 s=1.0
-> 100090

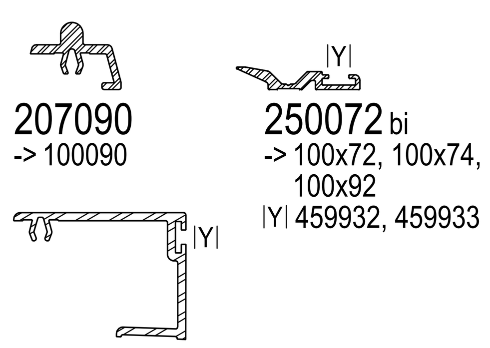
(3.0)229024 s=1.5
(3.8)229026 s=2.0
-> 100090

(5.1)249026 s=3.0
-> 100090

(2.5)229029 s=1.25
(3.7)229030 s=2.0
-> 100090

(5.1)229102 s=1.5
(7.3)229103 s=2.5
-> 100090

|S| profile aluminiowe

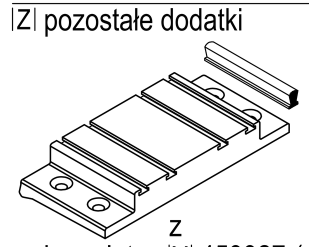


207090
-> 100090

250072 bi
-> 100x72, 100x74, 100x92
|Y| 459932, 459933

250340 bi
-> 100090
|Y| 459932, 459933

|Z| pozostałe dodatki

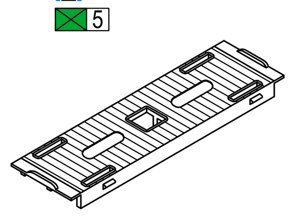


z
komplet |Y| 459927 (4m)
600090 bi
-> 100090

dodatki

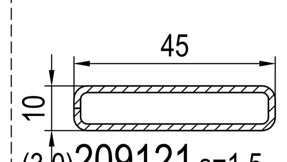
-> ramy

|A| podkładki do szklenia
4-74mm 5



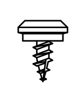
650001
-> ramy

|F| wzmocnienia (...) = Ix



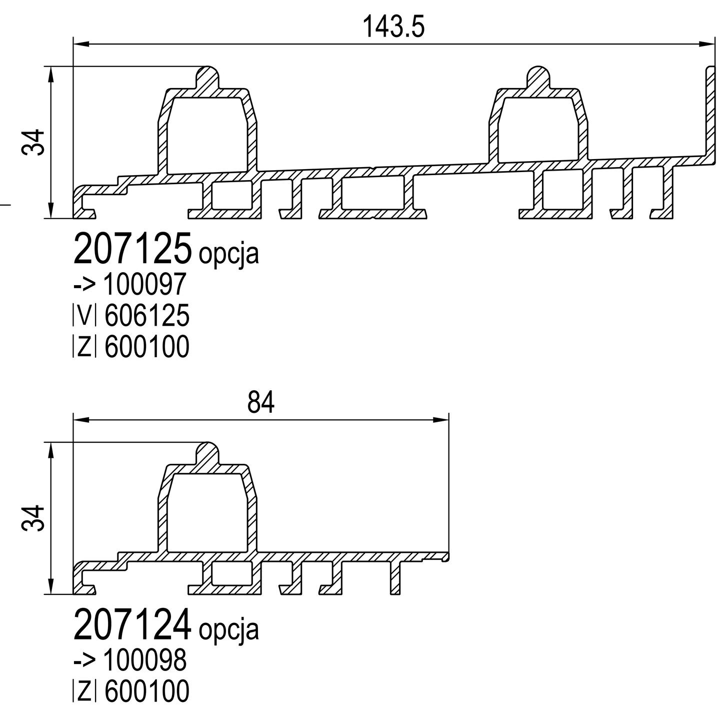
(3.0)209121 s=1.5
-> 100097, 100098

|G| śruby zatrzaskowe / klipsy



652923
-> 100253, 100275

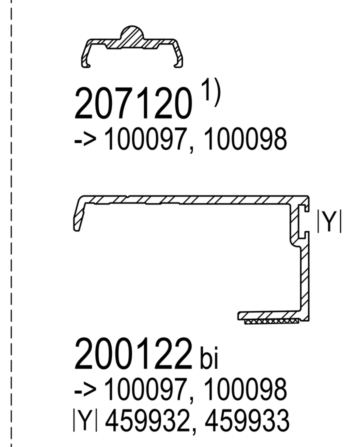
|U| progi



207125 opcja
-> 100097
|V| 606125
|Z| 600100

207124 opcja
-> 100098
|Z| 600100

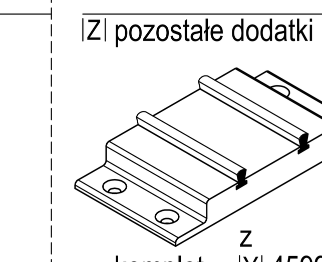
|S| profile aluminiowe



207120 1)
-> 100097, 100098

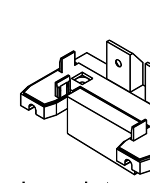
200122 bi
-> 100097, 100098
|Y| 459932, 459933

|Z| pozostałe dodatki



z
komplet |Y| 459927
600100 bi
-> 100097, 100098, 207125, 207124

|V| łączniki ramy z progiem

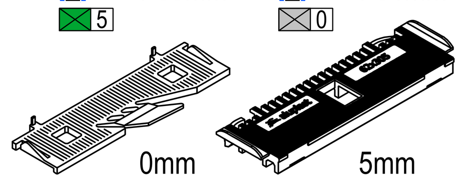


komplet
606125 sz
-> 100097 + |U| 207125

dodatki

-> skrzydła / ogólne

|A| podkładki do szklenia
4-33mm 5   4-31mm 0



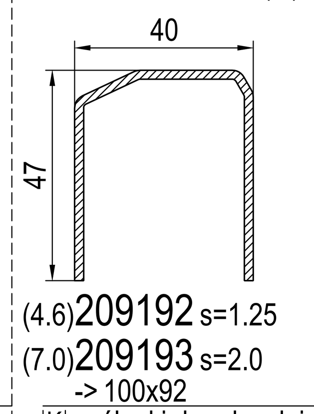
620301 cze
-> 100x92, 120x41

625305 zie
-> 100x92, 120x41

|C| zaślepki

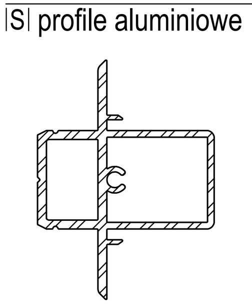
600070 bi
-> |S| 200070

|F| wzmocnienia (...) = Ix



(4.6)209192 s=1.25
(7.0)209193 s=2.0
-> 100x92

|S| profile aluminiowe



200070 bi
-> 100x92
|C| 600070

|K| zaślepki do odwodnień

600292 komplet
~ Ø5x30mm

|X| uszczelki

479025 cza
477025 pbi
standard

479015 cza TPE
477015 pbi

459922 cza
- pbi

459925 cza
450925 pbi

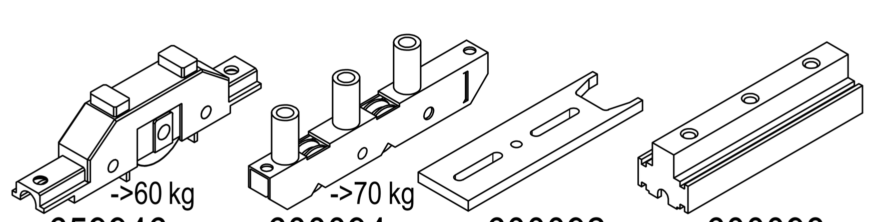
459923 cza
- pbi

420250 bi
421250 br
423250 oc
429250 cza

|Y| uszczelki szczotkowe

459933 cza   459932 cza   459927 cza

|Z| pozostałe dodatki



659946
-> 100x86, 100x92

600094
-> 100x92

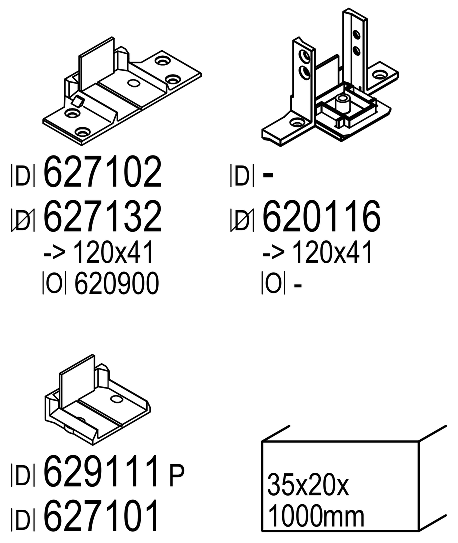
600092 bi
-> 100x92

600098
-> 100x92

dodatki

-> szczebliny

|D| łączniki słupka z kołnierzami
|Đ| łączniki słupka bez kołnierzy
P~plastikowy



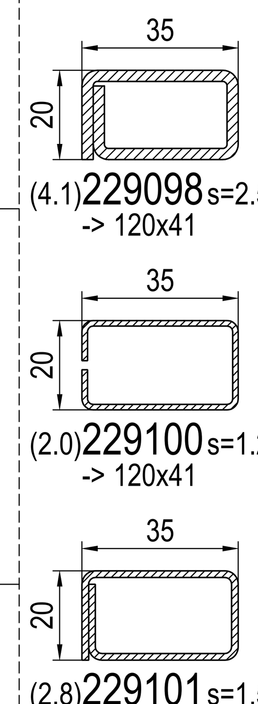
|D| 627102
|Đ| 627132
-> 120x41
|O| 620900

|D| -
|Đ| 620116
-> 120x41
|O| -

|D| 629111 P
|D| 627101
|Đ| 627131
-> 120x41
|O| 620900

|D| 620046 P
-> 120x41

|F| wzmocnienia (...) = Ix



(4.1)229098 s=2.5
-> 120x41

(2.0)229100 s=1.25
-> 120x41

(2.8)229101 s=1.5
-> 120x41

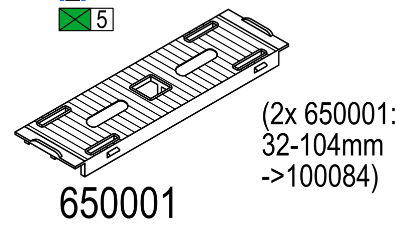
|O| elementy pomocnicze

620900
-> |D| 627101, 627102, 629111
-> |Đ| 627131, 627132

dodatki

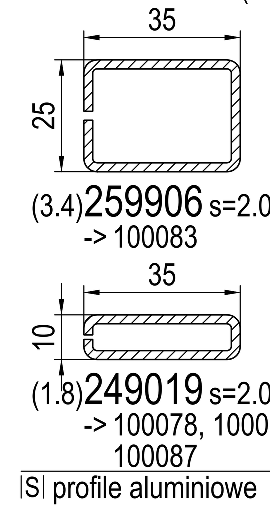
-> ramy

|A| podkładki do szklenia
3-48mm 5



650001
-> ramy
(2x 650001: 32-104mm ->100084)

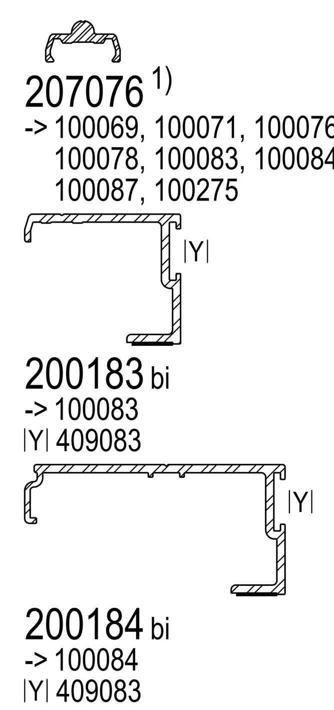
|F| wzmocnienia (...) = Ix



(3.4)259906 s=2.0
-> 100083

(1.8)249019 s=2.0
-> 100078, 100084, 100087

|S| profile aluminiowe



207076 1)
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100275

200183 bi
-> 100083
|Y| 409083

200184 bi
-> 100084
|Y| 409083

|Z| pozostałe dodatki

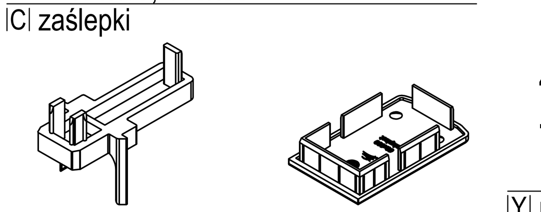
600083 bi
-> 100083, 100084, 100087
|Y| 409083

dodatki

-> skrzydła / ogólne

|A| podkładki do szklenia
3-25mm 4
Ⓜ ≤ 73 1mm
620250 cze
-> 100x85, 100x86

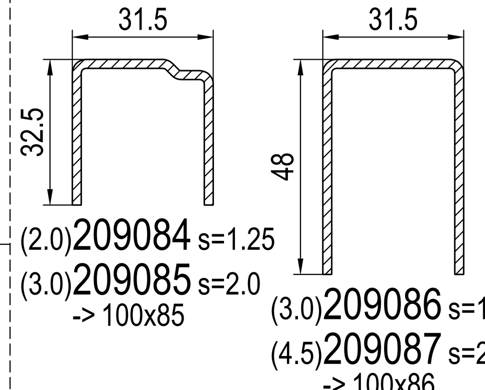
|C| zaślepki



600071 bi
|S| 200071, 200082

600080 bi
|S| 200080

|F| wzmocnienia (...) = Ix



(2.0)209084 s=1.25
(3.0)209085 s=2.0
-> 100x85

(3.0)209086 s=1.25
(4.5)209087 s=2.0
-> 100x86

|J| wklejane szyby 24-25mm

Ⓜ 3.5mm
642262 cza
-> 100x85, 100x86

H [mm]
640033 cze 3
640034 żó 4
640035 zie 5
-> 100x85, 100x86

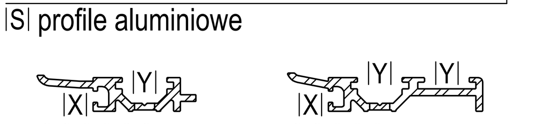
Ⓜ > 45kg
642261 cza
-> 100x85, 100x86

Ⓜ < 45kg
646265 sz
-> 100x85, 100x86

|K| zaślepki do odwodnień

600292 komplet
~ Ø5x30mm

|S| profile aluminiowe



200083 bi
-> 100x85, 100x86
|X| 409084
|Y| 409083

200081 bi
-> 100x86
|S| 200080
|X| 409084
|Y| 409083

|X| uszczelki

479025 cza
477025 pbi
standard

479015 cza TPE
477015 pbi

429330 cza
420330 bi

420250 bi
421250 br
423250 oc
429250 cza

459922 cza
- pbi

459925 cza
450925 pbi

459923 cza
- pbi

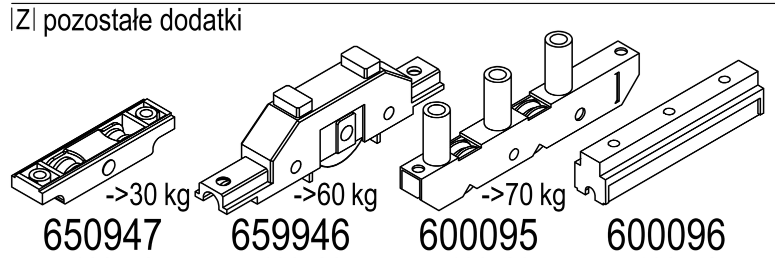
409084 cza
|S| 200080, 200081, 200083

|Y| uszczelki szczotkowe

459933 cza   459932 cza   409083 cza
|S| ...
|Z| 600083

... 200080, 200081, 200083, 200183, 200184

|Z| pozostałe dodatki

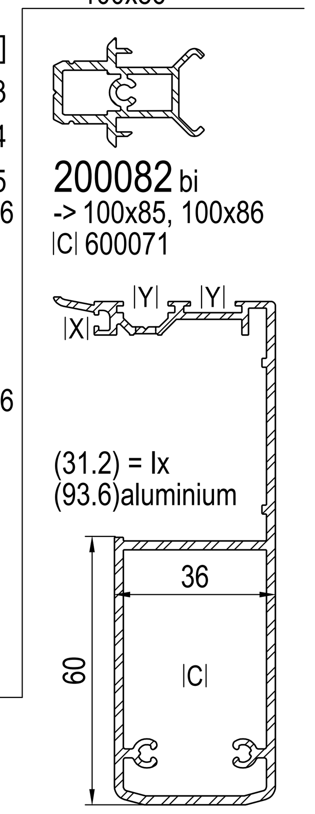


650947
-> 100x72, 100x73, 100x74, 100x85, 100x86

659946
-> 100x86, 100x92

600095
-> 100x86

600096
-> 100x72, 100x74, 100x85, 100x86



200082 bi
-> 100x85, 100x86
|C| 600071

(31.2) = Ix
(93.6)aluminium

200080 bi
-> 100x86
|C| 600080
|S| 200081
|X| 409084
|Y| 409083

TBA w przygotowaniu (nowe lub zmieniony)

▨ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line
(RL) Round-line

br	brąz	bi	biały
oc	ochra	cze	czerwony
cza	czarny	żó	żółty
pbi	papirusowa biel	zie	zielony

grubość oszklenia patrz podręcznik

1) opcja

z
4
|S| 257330
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100097, 100098, 100275

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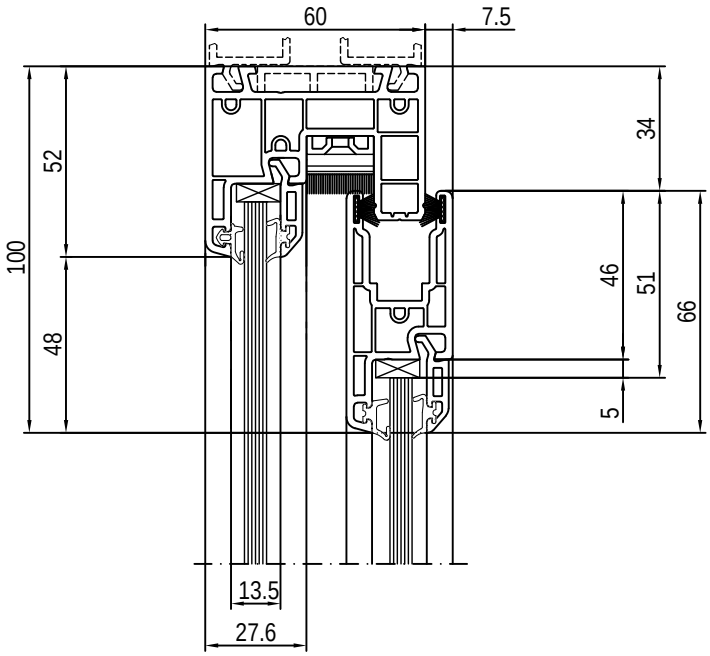
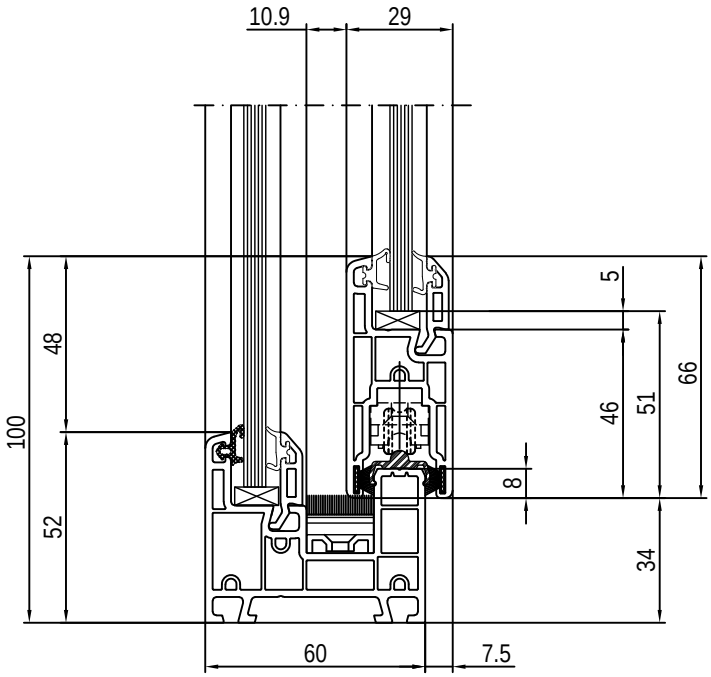
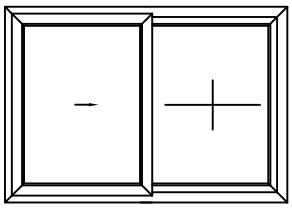




frame profile 140mm: 100x76
sash profile 70mm: 100x73
glazing bead: 140131

Schema D



aluplast
Kunststoff-Fenstersysteme

Mono-slide

vertical section

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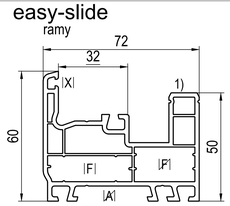
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

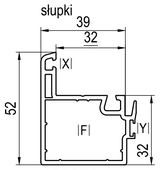
easy-slide

ramy



■ 100078 (CL)
|A| 669919 |A| 650001
|F| 249019 |F| 229107
|S| 207076 1)
|X| 409076
|Z| 600076

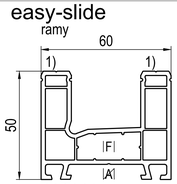
słupki



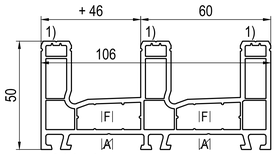
■ 100079 (CL)
|D| 600079
|F| 209079
|X| 409076
|Y| 459932, 459933

easy-slide

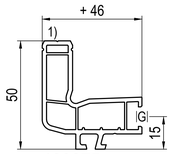
ramy



■ 100069 (CL)
|A| 650001
|F| 259018
|S| 207076 1)
|Z| 650070



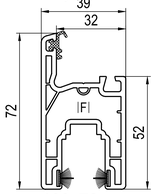
■ 100071 (CL)
|A| 650001
|F| 259018
|S| 207076 1)
|Z| 650070



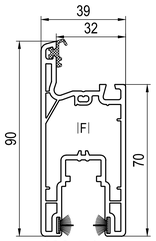
■ 100275 (CL)
|G| 652923
|S| 207076 1)
|Z| 650070

easy-slide

skrzydła

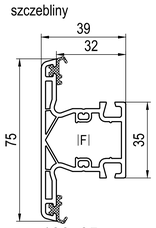


■ 100x72 (CL)
|A| 669919
|F| 229003, 229004
|S| 200071
|Z| 650947, 600096



■ 100x74 (CL)
|A| 669919
|F| 229005
|S| 200071
|Z| 650947, 600096

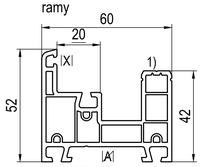
szczebliny



■ 100x65 (CL)
|A| 669919
|D| 607065 + |X| 409065
|F| 239030

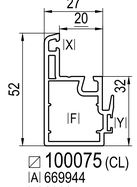
mono-slide

ramy



◪ 100076 (CL)
|A| 669944 |A| 650001
|S| 207076 1)
|X| 409076
|Z| 600076

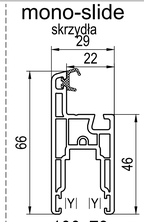
słupki



◪ 100075 (CL)
|A| 669944
|D| 600075
|F| 209075
|X| 409076
|Y| 459932, 459933

mono-slide

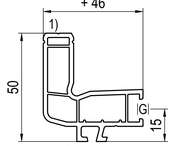
skrzydła



◪ 100x73 (CL)
|A| 669944
|S| 200071
|Y| 459932, 459933
|Z| 650947, 689175

sliding fly screen

sfs ramy



■ 100275 (CL)
|G| 652923
|S| 207076 1)
|Z| 650070
ochrona przed owadami

-> ogólne

skrzydła	wymagany
100x73	standard
100x72	opcja
100x74	opcja

|G| śruby zatrzaskowe / klipsy

652923
-> 100253, 100275

|S| profile aluminiowe

207076 1)
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100275

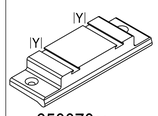
|X| uszczelki

420250 bi
421250 br
423250 oc
429250 cza

|Y| uszczelki szczotkowe

409931 cza -> skrzydła + easy-slide + mono-slide
459933 cza -> skrzydła + multi-slide
459932 cza -> skrzydła + multi-slide

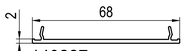
|Z| pozostałe dodatki



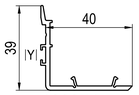
650070 bi
-> 100069, 100071, 100275
|Y| 459932, 459933

easy-slide: 39 mm, 60 mm, 72 mm, 106 mm, CL
mono-slide: 29 mm, 60 mm, CL
sfs: CL

profile dodatkowe

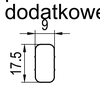


■ 140227
-> 100078



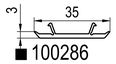
■ 100274
-> 100x72, 100x74
|Y| 459932, 459933

profile dodatkowe



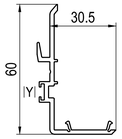
◪ 144256
-> 100069, 100071, 100090

profile dodatkowe



■ 100286
-> 100x72, 100x74, 100x85, 100x86

profile dodatkowe

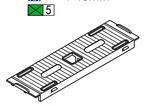


◪ 100273
-> 100x73
|Y| 459932, 459933

dodatki

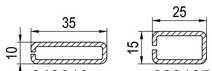
-> ramy

|A| podkładki do szklenia
4-48mm
5



650001
-> ramy

|F| wzmocnienia (...) = Ix



(1.8)249019 s=2.0 (1.0)229107 s=2.0
-> 100078, 100084, 100087 -> 100078

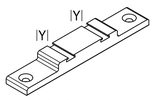
|S| profile aluminiowe

207076 1)
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100275

|X| uszczelki

409076 cza
- pbi
420250 bi
421250 br
423250 oc
429250 cza

|Z| pozostałe dodatki



600076 bi
-> 100076, 100078
|Y| 459932, 459933

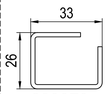
dodatki

-> słupki

|D| łączniki słupka z kołnierzami
P~plastikowy

600079 P
-> 100079

|F| wzmocnienia (...) = Ix

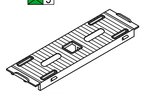


(2.6)209079 s=2.0
-> 100079

dodatki

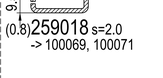
-> ramy

|A| podkładki do szklenia
4-38mm (2x 650001: 12-84mm ->100071)
5



650001
-> ramy

|F| wzmocnienia (...) = Ix



(0.8)259018 s=2.0
-> 100069, 100071

|G| śruby zatrzaskowe / klipsy

652923
-> 100253, 100275

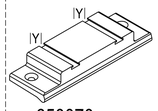
|S| profile aluminiowe

207076 1)
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100275

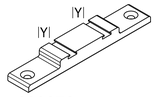
|X| uszczelki

420250 bi
421250 br
423250 oc
429250 cza

|Z| pozostałe dodatki



650070 bi
-> 100069, 100071, 100275
|Y| 459932, 459933



600076 bi
-> 100076, 100078
|Y| 459932, 459933

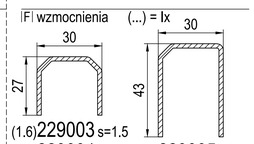
dodatki

-> skrzydła / ogólne

|A| podkładki do szklenia
3-19mm
5

3x20x100 mm
669919
-> 100x65, 100x72, 100x74, 100078

|F| wzmocnienia (...) = Ix



(1.6)229003 s=1.5
(2.1)229004 s=2.0 (3.5)229005 s=2.0
-> 100x72 -> 100074

|S| profile aluminiowe

200071 bi
-> 100x72, 100x73, 100x74
|C| 600071

250072 bi
-> 100x72, 100x74, 100x92
|Y| 459932, 459933

|X| uszczelki

459922 cza
- pbi
standard

459925 cza
450925 pbi

459923 cza
- pbi

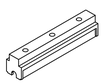
429330 cza
420330 bi

|Y| uszczelki szczotkowe

459933 cza
459932 cza

|Z| pozostałe dodatki

650947
-> 100x72, 100x73, 100x74, 100x85, 100x86



600096
-> 100x72, 100x74, 100x85, 100x86

|C| zaślepki

600071 bi
|S| 200071, 200082

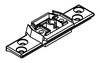
|K| zaślepki do odwodnień

600292 komplet
~ Ø5x30mm

dodatki

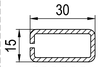
-> szczebliny

|D| łączniki słupka z kołnierzami
|D| łączniki słupka bez kołnierzy



|D| -
|D| 607065
-> 100x65
|X| 409065

|F| wzmocnienia (...) = Ix



(1.5)239030 s=2.0
-> 100x65

|X| uszczelki

409065 cza
-> 100x65
|D| 607065

dodatki

-> ramy

|A| podkładki do szklenia
4-40mm
5

650001
-> ramy

|F| wzmocnienia (...) = Ix

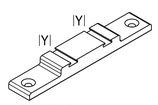
|S| profile aluminiowe

207076 1)
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100275

|X| uszczelki

409076 cza
- pbi
420250 bi
421250 br
423250 oc
429250 cza

|Z| pozostałe dodatki



600076 bi
-> 100076, 100078
|Y| 459932, 459933

dodatki

-> słupki

|D| łączniki słupka z kołnierzami
P~plastikowy

600075 P
-> 100075

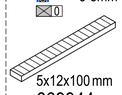
|F| wzmocnienia (...) = Ix

(0.8)209075 s=2.0
-> 100075

dodatki

-> skrzydła / ogólne

|A| podkładki do szklenia
3-8mm
0



5x12x100 mm
669944
-> 100x73, 100x75, 100x76

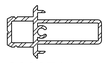
|C| zaślepki

600071 bi
|S| 200071, 200082

|K| zaślepki do odwodnień

600292 komplet
~ Ø5x30mm

|S| profile aluminiowe



200071 bi
-> 100x72, 100x73, 100x74
|C| 600071

|X| uszczelki

459923 cza
- pbi

409076 cza
- pbi

|Y| uszczelki szczotkowe

459933 cza
459932 cza

|Z| pozostałe dodatki

650947
-> 100x72, 100x73, 100x74, 100x85, 100x86

689175 bi
komplet
-> 100x73

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line

br brąz
oc ochra
cza czarny
pbi papirusowa biel
bi biały

grubość oszklenia patrz podręcznik

1) opcja

|S| 257330
-> 100069, 100071, 100076, 100078, 100083, 100084, 100087, 100097, 100098, 100275

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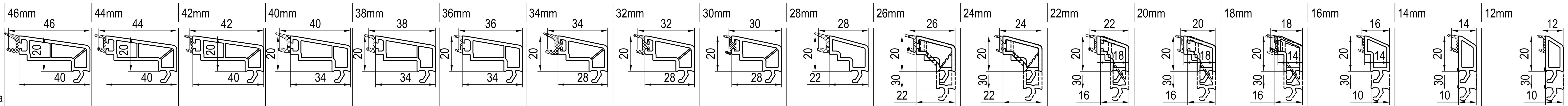
LISTWY PRZYSZYBOWE

grubość oszklenia

~ system profili energeto IDEAL ...			a	c 3)	d																				
... neo	skrzydła	szczebliny	67mm Ⓜ	[4]	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	52 - 53mm	-1.0 +0.0 54mm ◀	16-54
... neo +14	skrzydła	szczebliny	81mm Ⓜ ▶	[4]	▶30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	52 - 53mm	54 - 55mm	56 - 57mm	58 - 59mm	60 - 61mm	62 - 63mm	64 - 65mm	66 - 67mm	-1.0 +0.0 68mm ◀	30-68
... neo	ramy	słupki	65mm	[4]	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 2) ¦ 49mm 1)	50 - 51mm	-1.0 +0.0 52mm	14-52
... 7000/neo	skrzydła	170x39	85mm	[-]	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	52 - 53mm	54 - 55mm	56 - 57mm	58 - 59mm	60 - 61mm	62 - 63mm	64 - 65mm	66 - 67mm	68 - 69mm	70 - 71mm	72 - 73mm	74 - 75mm	-	38-75
... 7000/neo	skrzydła	170x39	81mm	[-]	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	52 - 53mm	54 - 55mm	56 - 57mm	58 - 59mm	60 - 61mm	62 - 63mm	64 - 65mm	66 - 67mm	68 - 69mm	70 - 71mm	-	34-71
... 7000/8000			65mm ± Ⓜ	[4]	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	-1.0 +0.0 52mm ◀	14-52
... 8000 +8	skrzydła		73mm ± Ⓜ	[4]	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	52 - 53mm	54 - 55mm	56 - 57mm	58 - 59mm ◀	-	22-59
... 4000/5000			55mm ± Ⓜ	[4]	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	-1.0 +0.0 42mm ◀	4-42
... 4000/5000 +8		skrzydła szczebliny	63mm ± Ⓜ	[4]	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm ◀	-	12-49
... 2000	skrzydła	szczebliny	47mm Ⓜ	[4]	-	-	-	-	3 - 4mm	5 - 6mm	7 - 8mm	9 - 10mm	11 - 12mm	13 - 14mm	15 - 16mm	17 - 18mm	19 - 20mm	21 - 22mm	23 ▶ 24mm	25 - 26mm	27 - 28mm	29 - 30mm	31 - 32mm ◀	-	3-32
... 2000 +8	skrzydła	szczebliny	55mm Ⓜ	[4]	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	-1.0 +0.0 42mm ◀	4-42
... 2000	ramy	słupki	47mm	[3]	-	-	-	-	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	-	4-33
Nord-line	skrzydła	szczebliny	55mm ± Ⓝ	[4]	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	-1.0 +0.0 42mm ◀	4-42
Nord-line	ramy	słupki	65mm	[4]	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	-1.0 +0.0 52mm	14-52
lift-slide 6)	skrzydła	szczebliny	65mm	[4]	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	42 - 43mm	44 - 45mm	46 - 47mm	48 - 49mm	50 - 51mm	-1.0 +0.0 52mm	14-52
smart-slide 7)			55mm ± Ⓜ	[4]	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	34 - 35mm	36 - 37mm	38 - 39mm	40 - 41mm	-1.0 +0.0 42mm ◀	4-42
easy-slide 7)			32mm	[3]	-	-	-	-	-	-	-	-	-	-	-	3 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13 mm	14 - 15mm	16 - 17mm	18 - 19mm	-	3-19
mono-slide 7)			20/22mm	[3/5]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 - 4mm	6 - 8mm	-	3-8
multi-slide 7)	skrzydła	szczebliny	47mm	[3]	-	-	-	-	4 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	24 - 25mm	26 - 27mm	28 - 29mm	30 - 31mm	32 - 33mm	-	4-33
vario-slide 7)	skrzydła		38mm Ⓜ	[4]	-	-	-	-	-	-	-	-	3 - 5mm	6 - 7mm	8 - 9mm	10 - 11mm	12 - 13 mm	14 - 15mm	16 - 17mm	18 - 19mm	20 - 21mm	22 - 23mm	▶24 - 25mm ◀	-	3-25

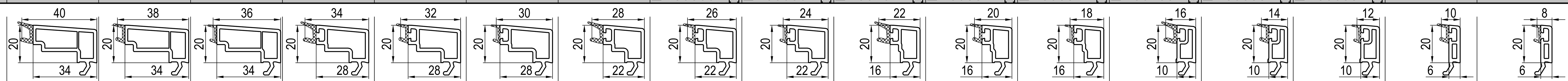
listwy przyszybowe

(CL) Classic-line



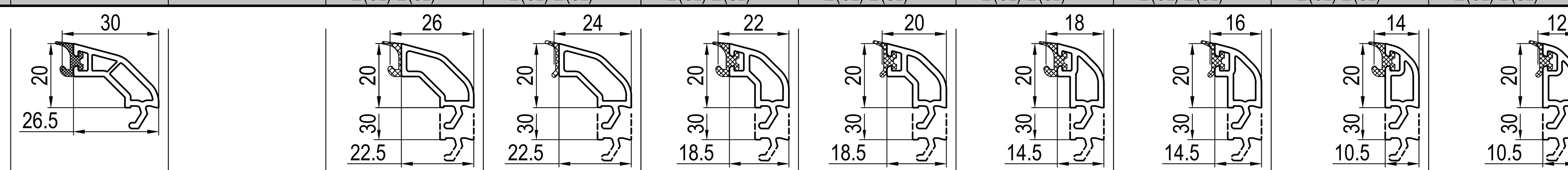
b=			46mm	44mm	42mm	40mm	38mm	36mm	34mm	32mm	30mm	28mm	26mm	24mm	22mm	20mm	18mm	16mm	14mm	12mm	10mm	8mm	>
	uszczelka	ściśnięta																					CL
h = 20mm 1) 2)	czarny	[mm]	■ 140741 [6]	■ 140841 [4]	■ 140641 [2]	■ 120740 [6]	■ 120840 [4]	■ 120640 [2]	■ 120738 [6]	■ 120838 [4]	■ 120638 [2]	■ 120736 [6]	■ 120836 [4]	■ 120636 [2]	■ 120835 [4]	■ 120635 [2]	■ 120833 [4]	■ 120633 [2]	■ 120832 [4]	■ 120632 [2]	±(QL)	±(QL)	46-12
	papirusowa biel	[mm]	☐ 140771 [6]	☐ 140871 [4]	☐ 140671 [2]	☐ 120770 [6]	☐ 120870 [4]	☐ 120670 [2]	☐ 120768 [6]	☐ 120868 [4]	☐ 120668 [2]	☐ 120766 [6]	☐ 120866 [4]	☐ 120666 [2]	☐ 120865 [4]	☐ 120665 [2]	☐ 120863 [4]	☐ 120663 [2]	☐ 120862 [4]	☐ 120662 [2]	±(QL)	±(QL)	
h = 30mm 2)	czarny	[mm]	-	-	-	-	-	-	-	-	-	-	■ 130836 [4]	■ 130636 [2]	■ 130754 [6]	■ 130854 [4]	■ 130654 [2]	■ 130753 [6]	■ 130853 [4]	■ 130653 [2]	-	-	26-12
±130250 -> h= 20mm	papirusowa biel	[mm]	-	-	-	-	-	-	-	-	-	-	☐ 130866 [4]	☐ 130666 [2]	☐ 130784 [6]	☐ 130884 [4]	☐ 130684 [2]	☐ 130783 [6]	☐ 130883 [4]	☐ 130683 [2]	-	-	

(QL) Qube-line



			46mm	44mm	42mm	40mm	38mm	36mm	34mm	32mm	30mm	28mm	26mm	24mm	22mm	20mm	18mm	16mm	14mm	12mm	10mm	8mm	
	uszczelka	ściśnięta																					QL
h = 20mm 1) 2)	czarny	[mm]	±(CL)	±(CL)	±(CL)	■ 150736 [6]	■ 150836 [4]	■ 150636 [2]	■ 150735 [6]	■ 150835 [4]	■ 150635 [2]	■ 150734 [6]	■ 150834 [4]	■ 150634 [2]	■ 150733 [6]	■ 150833 [4]	■ 150633 [2]	■ 150732 [6]	■ 150832 [4]	■ 150632 [2]	■ 150831 [4]	■ 150631 [2]	40-8
	papirusowa biel	[mm]	±(CL)	±(CL)	±(CL)	☐ 150766 [6]	☐ 150866 [4]	☐ 150666 [2]	☐ 150765 [6]	☐ 150865 [4]	☐ 150665 [2]	☐ 150764 [6]	☐ 150864 [4]	☐ 150664 [2]	☐ 150763 [6]	☐ 150863 [4]	☐ 150663 [2]	☐ 150762 [6]	☐ 150862 [4]	☐ 150662 [2]	☐ 150861 [4]	☐ 150661 [2]	
h = 30mm 2)	czarny	[mm]	-	-	-	-	-	-	-	-	-	-	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	-	-	-
±130250 -> h= 20mm	papirusowa biel	[mm]	-	-	-	-	-	-	-	-	-	-	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	±(CL) ±(SL)	-	-	

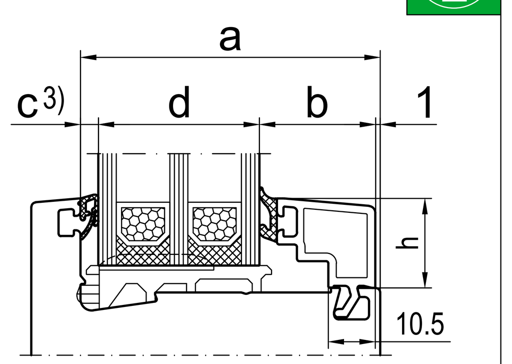
(SL) Soft-line



			46mm	44mm	42mm	40mm	38mm	36mm	34mm	32mm	30mm	28mm	26mm	24mm	22mm	20mm	18mm	16mm	14mm	12mm	10mm	8mm	
	uszczelka	ściśnięta																					SL
h = 20mm 1) 2)	czarny	[mm]	±(CL)	±(CL)	±(CL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	■ 120855 [4]	±(CL) ±(QL)	■ 120846 [4]	■ 120646 [2]	■ 120847 [4]	■ 120647 [2]	■ 120851 [4]	■ 120651 [2]	■ 120849 [4]	■ 120649 [2]	±(QL)	±(QL)	30, 26-12
	papirusowa biel	[mm]	±(CL)	±(CL)	±(CL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	±(CL) ±(QL)	☐ 120885 [4]	±(CL) ±(QL)	☐ 120876 [4]	☐ 120676 [2]	☐ 120877 [4]	☐ 120677 [2]	☐ 120881 [4]	☐ 120681 [2]	☐ 120879 [4]	☐ 120679 [2]	±(QL)	±(QL)	
h = 30mm 2)	czarny	[mm]	-	-	-	-	-	-	-	-	-	-	■ 130856 [4]	■ 130656 [2]	■ 130857 [4]	■ 130657 [2]	■ 130858 [4]	■ 130658 [2]	■ 130859 [4]	■ 130659 [2]	-	-	26-12
±130250 -> h= 20mm	papirusowa biel	[mm]	-	-	-	-	-	-	-	-	-	-	☐ 130886 [4]	☐ 130686 [2]	☐ 130887 [4]	☐ 130687 [2]	☐ 130888 [4]	☐ 130688 [2]	☐ 130889 [4]	☐ 130689 [2]	-	-	

wybór listwy przyszybowej

b = a - c - d - 1



a = wrąb szybowy
b = listwa przyszybowa z uszczelką*
c 3) = uszczelka naprawcza*
d = grubość oszklenia
1 = 1mm występ

podkładki do szklenia Ⓜ
▶ wklejane szyby ◀ Ⓜ Ⓝ
d ≥ 24 mm ⚠

* ściśnięta uszczelka

± alternatywa

1) system z uszczelnieniem zewnętrznym
2) system z uszczelnieniem środkowym
3) lub profil z uszczelki
4) skrzydła / szczebliny
5) ramy / słupki
6) drzwi unoszono-przesuwne HST
7) okna przesuwne

☐ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie
|P| **aluskin** nakładki aluminiowe

-> do

(CL) Classic-line
(QL) Qube-line
(SL) Soft-line

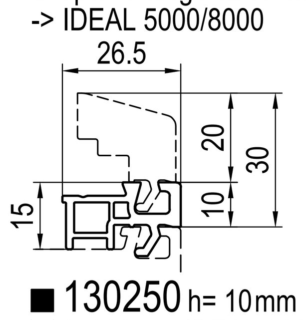
cza czarny ~ RAL 9005
pbi papirusowa biel ~ RAL 9018

system z uszczelnieniem środkowym

profile dodatkowe

-> ramy / słupki
z listwa przyszybowa h= 20mm

adapter stałego szklenia
-> IDEAL 5000/8000



■ 130250 h= 10mm
|A| 650321 -> IDEAL 5000
|A| 680321 -> IDEAL 8000
podkładki do szklenia

= d
= a

|X| uszczelki

uszczelki naprawcze

-> profile główne	ściśnięta [mm]	grubość oszklenia							->|P| **aluskin**	->|P| **aluskin**	->|P| **aluskin**	->|P| **aluskin**	->|P| **aluskin**
... neo, ... 7000/8000, ... 4000/5000, Ⓜ ... 2000, Nord-line, lift-slide 6), smart-slide 7), vario-slide 7)											= b + 2mm	= b + 2mm	= b + 2mm
energeto IDEAL ...	[4]	-	= d + 1mm	-	= d + 1mm	= d + 1mm	= d standard	= d opcja	= d - 1mm	= d standard	= d opcja	lub = d + 2mm	lub = d + 2mm	lub = d + 2mm
... 2000, multi-slide 7)	[3]	= d standard	= d opcja	-	= d opcja	-	-	= d - 2mm	-	-	-	-	-
easy-slide 7) skrzydła	[3]	-	= d standard	-	= d opcja	= d - 1mm	= d - 1mm	= d - 2mm	-	-	-	-	-
mono-slide 7) skrzydła	[5]	-	= d + 2mm	= d + 2mm	= d + 2mm	= d + 1mm	= d + 1mm	= d standard	-	-	-	-	-
easy-slide 5) 7), mono-slide 5) 7)	[3]	-	= d opcja	= d standard	= d opcja	= d - 1mm	= d - 1mm	= d - 2mm	-	-	-	-	-
-> listwy przyszybowe		[2.5-3.5] c = [3]	[2.5-3.5] c = [3]	[3-3.5] c = [3]	[3-5] c = [3]	[4-4.5] c = [4]	[4-4.5] c = [4] TPE	[4.5-7.0] c = [5]	c = [4]	c = [4]	⚠ c = [2]	⚠ c = [2] TPE	⚠ c = [2] + PVC-P
[2] 429310 cza, - pbi, -> xxx6xx [2]; [3-4] 429311 cza, - pbi, -> xxx8xx [4]; [6] 429312 cza, - pbi, -> xxx7xx [6]		429921 cza 427921 pbi	459922 cza - pbi	409076 cza - pbi	459925 cza 450925 pbi	479025 cza 477025 pbi	479015 cza 477015 pbi	459923 cza - pbi	459951 cza - pbi	449986 cza 447986 pbi	449337 cza - pbi -> ramy -> słupki	449347 cza 447347 pbi -> ramy -> słupki	xxx3xx cza + 0009830 = ramy = słupki

b
d
c
|P|

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WZMOCNIENIA

|F| wzmocnienia y-y = Ix | Iy

W niektórych przypadkach wzmocnienia montowane są w pozycji obróconej o 90° w stosunku do tej, przedstawionej na rysunkach.
W takiej sytuacji należy odpowiednio zamienić wartości Ix i Iy:

+90° = Ix | Iy lub Iy | Ix

1) (aluminium) x 1/3 ~ Ix Iy stal
stal ≠ aluminium = (Ix) (Iy) [cm⁴]
2) wykrojony
3) z otworami P~plastikowy

|D| łączniki słupka z kołnierzami
|E| łączniki naroży
|O| elementy pomocnicze
patrz plan:
dodatki
energeto IDEAL

|H| dodatki montażowe
patrz plan:
profile dodatkowe
profile statyczne

-> energeto neo
IDEAL 7000/8000, IDEAL 7000/8000 NL
IDEAL 4000/5000, IDEAL 4000 NL
IDEAL 2000, Nord-line
drzwi unoszono-przesuwne HST
okna przesuwne
lift-slide, smart-slide, multi-slide, vario-slide, easy-slide, mono-slide
profile dodatkowe

-> wrąb szybowy

|F|	s [mm]	Ix [cm⁴]	Iy [cm⁴]	-> do	
249027 3)	2.5mm	1.2	0.02	2.4m	-> skrzydła Ⓜ ≥ 55mm; 3) z otworami; 35 × 5
259023 3)	2.0mm	1.9	0.02	2.4m	-> skrzydła ≥ 55mm ±Ⓜ; 3) z otworami; 39.5 × 4
279027 3)	2.5mm	2.4	0.02	2.4m	-> skrzydła Ⓜ ≥ 65mm; 3) z otworami; 44.5 × 5
289027 3)	2.5mm	3.5	0.04	2.4m	-> 170x33, 170x35, 170x36, 170x39; 3) z otworami; 50 × 5

|F|	s [mm]	Ix [cm⁴]	Iy [cm⁴]	+90°	-> do	uwagi
209005	1.5mm	0.7	0.2		100x55, 110x90	26 × 12
209075	2.0mm	0.8	1.2		100075	20 × 27
209079	2.0mm	2.6	1.8		100079	33 × 26
209084	1.25mm	2.0	1.2		100x85	31.5 × 32.5
209085	2.0mm	3.0	1.9		100x85	
209086	1.25mm	3.0	3.8		100x86	31.5 × 48
209087	2.0mm	4.5	5.8		100x86	
209121	1.5mm	3.0	0.2		100097, 100098, 110x67	45 × 10
209294	2.0mm	5.7	2.8		100x94	40 × 31.5
209192	1.25mm	4.6	3.5		100x92	40 × 47
209193	2.0mm	7.0	5.5		100x92	
209900	1.5mm	7.3	0.08		140267, 160267, 180267	59 × 10; |H| 622355, 682331
209900	2x 1.5mm	14.6	0.16			
209901	1.5mm	4.9	0.1		160267	50 × 10
209901	2x 1.5mm	9.8	0.2			
229001	1.5mm	2.1	1.3		120x07, 120x18	30 × 31
229003	1.5mm	1.6	0.8		100x72	30 × 27
229004	2.0mm	2.1	1.1		100x72	
229005	2.0mm	3.5	4.1		100x74	30 × 43
229010 3)	3.0mm	9.9	0.1		120230, |F| 229018, 289218	73 × 10; 3) Ø5.5, a=250mm z otworami
229010 3)	2x 3.0mm	19.7	0.2			
229015	1.5mm	0.9	0.2		170x81 -> RC2	34.5 × 12
229017	1.5mm	3.7	2.8		140x03, 140207, 170x03	35 × 40
|H| 622354, 682335; |H| 622338, 682332					120218, 140218, 160218 ...0020, 180218 ...0020	
229018	2.5mm	24.8	0.8			80 × 13
229018 + 229010		34.7	0.9			
229019 3)	2.0mm	43.3	0.2		120219	110; 17; 15; 3) z otworami; |H| 622019
229019 3)	2x 2.0mm	86.6	0.4			
229023	1.5mm	2.3	0.9		100090, 120x05, 120x18, 120x22, 140x00, 140x01, 140x08, 140x12, 140x14, 140x16, 140x18, 140x19, 140x22	35 × 27
229025	1.0mm	1.6	0.6			
229024	1.5mm	3.0	1.1		100090, 120x05, 120x22, 140x00, 140x01, 140x08, 140x12, 140x14, 140x16, 140x18, 140x19, 140x22	35 × 27
229026	2.0mm	3.8	1.5		100090, 120x05, 120x22, 140x00, 140x01, 140x08, 140x12, 140x14, 140x16, 140x18, 140x19, 140x22	35 × 27
229027	1.5mm	1.7	0.6		120x22, 140x22, 140x82	35 × 27
229028	2.0mm	2.1	0.8			
229029	1.25mm	2.5	1.7		100090, 120x05, 140x00, 140x01, 140x08, 140x12, 140x14, 140x16, 140x18, 140x19, 170x64, 180x66	35 × 27; ~|D| 640048 P
229030	2.0mm	3.7	2.5			
229034	1.5mm	1.7	0.3		110x10, 120x91	35 × 16.5
229037	1.5mm	2.5	0.7		100091, 110x10, 110x99, 120x39, 120x57, 120x59, 120x91, 150x11, 150x110000011, 160x15, 180x15, 180x46	35 × 17.5; ~|D| 680046 P
229040	2.0mm	7.0	7.0		120275, 160248	40 × 40; |H| 622041
229045	1.5mm	1.1	0.2		150x10	34 × 12.5
229050	1.5mm	4.9	6.4		120x30, 120x31	35 × 54
229051	2.5mm	7.6	10.3			
229055	2.0mm	2.0	0.6		120x26, 120x86	34 × 21
229056	2.0mm	2.8	4.2		120x32, 120x82	35.5 × 49.5
229057	2.0mm	4.5	6.1		120x32	31.5 × 49.5
229063	2.0mm	4.3	0.2		120x63, 140x66, 160x64, 180x64	48 × 14.5
229093	1.5mm	1.1	0.5		110x90	27.5 × 25.5
229098	2.5mm	4.1	1.5		120x41, 120x45, 140x05, 140x09, 140x090000011, 140x15, 140x17, 140x41, 140x47, 150x02, 160202, 180201	35 × 20; ~|D| 620046 P
229100	1.25mm	2.0	0.8		120x41, 120x45, 140x05, 140x09, 140x090000011, 140x15, 140x17, 140x41, 140x47, 150x02, 160202, 180201	35 × 20; ~|D| 620046 P
229101	1.5mm	2.8	1.0		120x41, 120x45, 140x05, 140x09, 140x090000011, 140x15, 140x17, 140x41, 140x47, 150x02, 160202, 180201	35 × 20; ~|D| 620046 P
229102	1.5mm	5.1	1.2		100090, 180x44	45 × 20; ~|D| 640046 P
229103	2.5mm	7.3	1.8			
229107	2.0mm	1.0	0.4	+90°	100x73, 100x78, 120230, 150x65, 170x53, 170x54, 170x55, 170x57, 190298	25 × 15
229110	1.5mm	1.8	0.5		110x06, 110x08, 110x09, 120x19, 120223, 120242, 140205	35 × 15
229111	2.0mm	2.3	0.6			
229112	1.0mm	1.5	1.5		120x07, 120x18, 140x08	30 × 30; ~|D| 620047 P
229113	2.0mm	2.7	2.7			
229114	1.5mm	4.0	5.0	+90°	120x300000096, 120x310000096, 120109, 120221, 120223, 140x03, 140206, 140207, 140208, 150x30, 150x31, 160x02, 160204, 160223, 1602260000020, 170x03, 170x81, 180x30, 180x31, 180203, 180204	35 × 40; ~|D| 670047 P; |E| 640031 |O| 640938; |E| 680030 + 640938
229115	|E| 2.0mm	5.0	6.4	+90°		
229119	1.5mm	0.7	1.0	+90°	119x95	20 × 25
229120	2.0mm	4.0	5.4		140x03, 160x02, 170x03	35 × 40
229121	1.5mm	2.1	2.1		120x07, 120x18, 140x08	30 × 30
229125	2.0mm	8.5	12.1	+90°	120109, 140x33, 140x35, 170080, 170x81; -> 3x, 5x -> 120109	40 × 50; |E| 620125 |O| 640938; |H| 622104; 2) 5x wykrojony
229129 2)	2.0mm	8.5	12.1	+90°		
229126	3.0mm	11.8	16.8	+90°	120109, 140x33, 140x35, 170080, 170x81; -> 3x, 5x	40 × 50; |E| 620126 |O| 640938; 2) 5x wykrojony
229131 2)	3.0mm	11.8	16.8	+90°		
229135	2.0mm	14.4	14.4		170x33, 170x35, 170x36, 170x39	50 × 50; |E| 640038 |O| 640938; 2) 3x wykrojony
229137 2)	2.0mm	14.4	14.4			
229140	3.25mm	11.7	11.7		120241	Ø48.3; |H| 622140
229212	1.0mm	0.5	0.3		110x90	30 × 25.5
239030	2.0mm	1.5	0.5		100x65, 120238	30 × 15
239129	1.5mm	1.6	0.9	+90°	120238, 140200	30 × 20
249004	2.0mm	2.6	0.5		140x05, 140x09, 140x090000011, 140x15, 140x17, 150x02	35 × 20
249007	2.0mm	5.9	6.8		140x34	35 × 50
249009	2.0mm	4.5	4.5		140x34, 160226 ...0020	35 × 35; |E| 640032 |O| 640938
249014	1.25mm	2.0	2.0	+90°	140x07, 150x03, 170x020000098, 180x040000098, 180x050000098	30 × 32; ~|D| 640047 P
249015	2.0mm	3.0	3.1	+90°		
249016	1.5mm	2.2	1.1	+90°	070x20, 140x07, 140x20, 140x27, 150x03, 170x020000098, 170x20, 180x040000098, 180x050000098	32 × 29
249017	1.5mm	1.9	0.7		140x20, 140x27, 140x76	35 × 29
249019	2.0mm	1.8	0.2		100x78, 100084, 100087	35 × 10
249026	3.0mm	5.1	2.1		100090, 120x05, 120x22, 140x00, 140x01, 140x08, 140x12, 140x14, 140x16, 140x18, 140x19	35 × 27
249028	2.0mm	6.4	4.6		140x28, 140x29, 140x78	40 × 47
249029	2.0mm	5.7	3.8		140x28, 140x29, 140x78, 170x30, 170x31	40 × 31; |E| 640029 |O| 640938
249034	1.25mm	6.1	5.2		140x45, 140x81, 170x44	45 × 40; 2x ~|D| 640046 P
249035	2.0mm	9.2	7.8			
249037	1.2mm	2.1	0.4		140x37	35 × 18.5
249046	1.5mm	2.0	0.6		140x46, 140x48, 160x48	34 × 21
249078	2.0mm	6.3	4.3		140x78	40 × 47
249174	2.0mm	2.0	0.4		140x24, 140x74	34.5 × 22.5
249175	2.0mm	2.8	0.6		140x24, 140x74	34.5 × 22.5
249190	1.5mm	3.5	0.3		140x90	48 × 12
249198	1.5mm	4.8	1.3		140x98, 140x99	48 × 23
249204	2.0mm	2.2	1.2		140x94	30 × 30.5
249228 1)	2.0mm	(197)	(18.8)		170080	140 × 40; 1) (aluminium) x 1/3 ~ 65 6.3 stal; 6.7m
249234	1.5mm	12.6	1.5		ogólne -> 144233	77.5 × 23.5
249242	2.0mm	2.9	2.0	+90°	140249	40 × 33; |H| 622902
249244	3.2mm	23.5	23.5		140244	Ø60.3; |H| 622333
259010	1.5mm	2.7	2.5	+90°	140208	35 × 30
259011	2.0mm	3.5	3.2	+90°		
259018	2.0mm	0.8	0.2		100069, 100071, 110x96	26.5 × 9.5
259020	1.25mm	2.1	0.5		050x20, 070x20, 080x20, 140x20, 140x27, 150x20, 150x22, 150x26, 150x27, 150x68, 150x69, 170x20, 180x20, 180x26, 180x69	40 × 27.5
259021	2.0mm	3.2	0.8			
259022	1.5mm	2.4	0.6			
259024	1.5mm	2.0	0.4		050x24, 140x24, 180x24	34.5 × 22.5
259026	2.0mm	4.3	1.3		050x20, 070x20, 080x20, 140x20, 140x27, 150x20, 150x22, 150x26, 150x27, 150x68, 150x69, 170x20, 180x20, 180x26, 180x69	40 × 27.5
259028	2.0mm	3.0	0.7		050x24, 140x24, 180x24	34.5 × 22.5
259031	2.0mm	7.2	6.5		150x30, 150x31, 180x30, 180x31	40 × 54
259043	1.5mm	3.9	1.1		150x43, 170x41	40 × 20; ~|D| 650047 P
259044	2.5mm	5.6	1.6			
259067	2.0mm	5.0	2.5		150x67	48 × 27.5
259080	2.0mm	1.8	0.08		170x65	38 × 9
259094	2.0mm	3.1	0.4		140x67	40 × 19.5
259105	1.25mm	1.9	2.2	+90°	140x07, 150x03, 160x01, 160x66, 170x020000098, 180x040000098, 180x050000098	30 × 32; ~|D| 640047 P
259106	2.0mm	2.9	3.2	+90°		
259107	1.5mm	2.3	2.5	+90°		
259906	2.0mm	3.4	2.1		100083, 140x53, 140x54, 140x55, 140x57, 140x91	35 × 25
259926	2.0mm	18.7	10.0		120109	60 × 40; |H| 622104
269003	2.0mm	3.6	5.0		140x03, 160x02, 170x03	35 × 40
269004	1.5mm	1.1	0.9		060x05, 060x08	30 × 25
269020	1.25mm	2.0	0.6		060x20, 060x27, 060x77, 160x20, 160x70	38 × 28
269021	1.5mm	2.3	0.7			
269022	2.0mm	3.1	1.3		060x20, 060x27, 060x77, 160x20, 160x70	38 × 28
269024	2.0mm	5.8	2.0		060x20, 060x27, 160x20	38 × 28
269030	2.0mm	9.9	6.6		160x30	45 × 48
269033	2.0mm	13.0	20.4		160x33, 160x35; -> 3x	45 × 60; |E| 660033 |O| 640938; 2) 3x wykrojony
269034 2)	2.0mm	13.0	20.4			
269036	1.5mm	2.0	0.3		160x24, 160x74	38 × 21
269037	2.0mm	3.0	0.6		160x24, 160x74	38 × 21
269038	2.0mm	4.9	0.9		160x24	38 × 21
269041	1.5mm	5.4	2.2		160x41, 160x45	45 × 28
269043	2.5mm	12.9	13.4		160x43, 160x46	45 × 48; 2x ~|D| 640046 P
269045	2.0mm	8.4	3.0		160x41, 160x45	45 × 28; ~|D| 640046 P
269047	2.5mm	10.2	9.0		160x43, 160x46	45 × 47; 2x ~|D| 640046 P
269066	2.0mm	8.0	2.6		160x01, 160x66	40 × 30
269077	2.5mm	5.6	1.7		060x77, 160x70	38 × 28
279028	1.25mm	4.8	3.7		140x28, 140x29, 170x30, 170x31	40 × 47
279029	2.0mm	7.3	5.8			
279036 1)	2.8	(17.8)	(9.6)		170x81	50 × 42.5; 1) (aluminium) x 1/3 ~ 5.9 3.2 stal
279054	1.5mm	21.0	2.0		170x53, 170x54, 170x55, 170x57, 180x54, 180x57	82.5 × 20; ~|D| 680047 P
279055	1.5mm	4.7	1.3		170x53, 170x54, 170x55, 170x57, 180x54, 180x57	45 × 23
279082	1.5mm	13.2	6.6		170x81	50 × 44.5; Ø20 3); 6.0m
279083 3)	1.5mm	13.2	6.6		3) 5x z otworami -> DIN lewe	niebieski; 2.3m
279084 3)	1.5mm	13.2	6.6		3) 5x z otworami -> DIN prawe	czerwony; 2.3m
279108 1)	2.0mm	(206)	(20.4)		170080	140 × 40; 1) (aluminium) x 1/3 ~ 69.0 6.8 stal; 6.7m
289018	1.5mm	6.2	0.2		120224, 180267	56 × 8.5; |H| 622355, 682331
289019	1.5mm	0.1	0.8		080x040000095, 080x050000095	14 × 26
289021	2.0mm	3.4	0.8		050x20, 070x20, 080x20, 140x20, 150x20, 150x22, 150x26, 150x27, 170x20, 180x20, 180x26	40 × 29.5
289028	2.0mm	4.2	0.7		180x24	40 × 22.5
289066	2.0mm	7.7	2.0		170x64, 180x66	45 × 28.5
289089	2.0mm	6.3	0.4		080x89	48 × 17
|H| 622354, 682335; |H| 622338, 682332					140218, 160218 ...0020, 180218 ...0020	
289218	2.0mm	37.0	1.4			90 × 24.5
289218 + 229010		46.9	1.5			90 × 24.5
299944	1.5mm	1.9	1.5	+90°	060x05, 060x08	30 × 25

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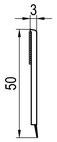
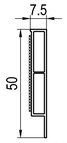


■ 120283



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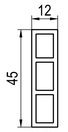
⧄ 120117



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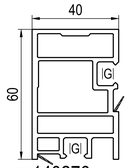

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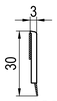
G 610004



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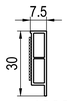
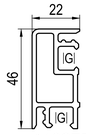
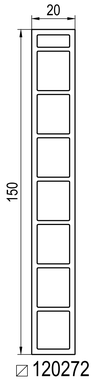


■ 120286

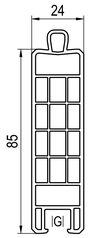


■ 140275
G 610004

■ 120120



⧄ 120272



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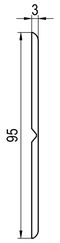
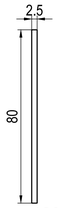
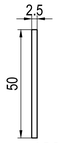


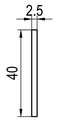
■ 120261



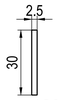
■ 120260



■ 120258

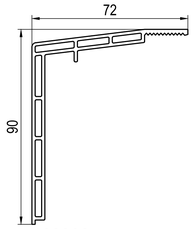


■ 120257

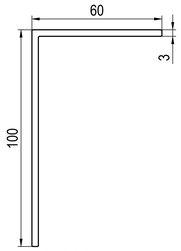


■ 120256

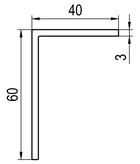
⧄ 120250



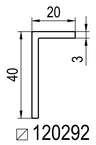
■ 120300



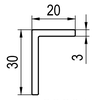
■ 120296



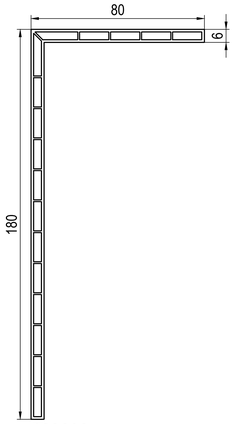
■ 120294



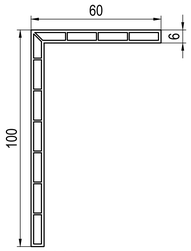
⧄ 120292



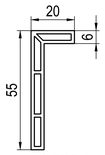
■ 120291



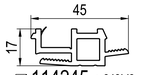
■ 120299



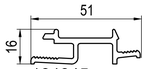
■ 120297



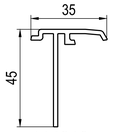
⧄ 120284



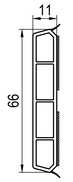
⧄ 114245 ->3(6)/3mm



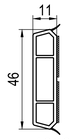
⧄ 124245 ->6/3 mm



⧄ 114210



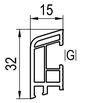
■ 160379 cza (CL)
⧄ 160479 pbi



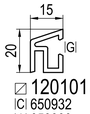
■ 160378 cza (CL)
⧄ 160478 pbi

■ 160376 cza (CL)
⧄ 160476 pbi

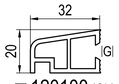
■ 140373 cza (HL)
⧄ 140473 pbi



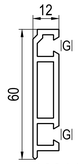
■ 140107 (CL)
C 640107
G 652923



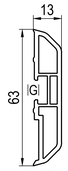
⧄ 120101 (CL)
C 650932
G 659939



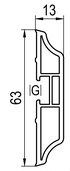
⧄ 120100 (CL)
C 650914
G 659918



■ 120114 (HL)
G 659918



■ 150202 (SL)
C 650202
G 652923



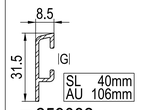
⧄ 120202 (HL)
C 620202
G 652923

dodatki

A podkładki do szklenia ogólne

[mm]	t	b	l	A	podkładki do szklenia		
■	6	...	100	A	-	cza	czarny ~ 6
■	5	50	100	A	640305	zie	
■	5	40	100	A	660948	zie	
■	5	34	100	A	659938	zie	
■	5	28	100	A	659908	zie	
■	5	25	90	A	659907	zie	
■	5	12	100	A	669944	zie	zielony ~ 5
■	4	50	100	A	640304	żó	
■	4	40	100	A	660947	żó	
■	4	34	100	A	659937	żó	
■	4	28	100	A	669910	żó	
■	4	20	100	A	669920	żó	żółty ~ 4
■	3	50	100	A	640303	cze	
■	3	40	100	A	660946	cze	
■	3	34	100	A	659936	cze	
■	3	28	100	A	669911	cze	
■	3	20	100	A	669919	cze	
■	3	12	100	A	669922	cze	czerwony ~ 3
■	2	50	100	A	640306	nie	
■	2	40	100	A	660945	nie	
■	2	34	100	A	659935	nie	
■	2	28	100	A	669912	nie	
■	2	25	90	A	659906	nie	
■	2	20	100	A	660916	nie	
■	2	12	100	A	660911	nie	niebieski ~ 2
□	1	25	90	A	659905	bi	biały ~ 1
■	0	-	-	×	nie wymagany		~ 0

T okapniki aluminiowe



⧄ 259082 (CL)
G 659923

X uszczelki

420250 bi
421250 br
423250 oc
429250 cza
429334 cza
427334 pbi

C zaślepki

650932 (CL)
-> 120101

640107 (CL)
-> 140107

650914 (CL)
-> 120100

620202 (HL)
-> 120202

650202 (SL)
-> 150202

G śruby zatrzaskowe / klipsy

652923
-> PVC
-> 120202, 140107, 150202

659918
-> 120100, 120114

610004
-> 140275, 140276

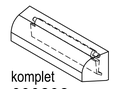
659923
-> aluminium
T 259082

659939
-> 120101

K zaślepki do odwodnień

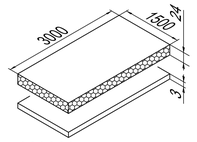
690923
~ Ø5x25mm

620014
Ø10x11mm



komplet
600292
~ Ø5x30mm

M płyty (PVC / sandwicz)



620320 24mm
620321 3mm

□ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line
(SL) Soft-line
(HL) Historik-line

br brąz
oc ochra
cza czarny
pbi papirusowa biel
bi biały

głębokość zabudowy
->60mm ->IDEAL 2000
->70mm ->IDEAL 4000 / 5000
->76mm ->energeto neo
->85mm ->IDEAL 7000 / 8000
... ->IDEAL 2000 - 8000

SL długość widoczna
AU obwód zewnętrzny

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fon: +49 721 47171-0 | fax: -999
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poszerzenia

60 / 15
■ 120220 ->60/70mm

70 / 15 / ICA
■ 140209 ->70mm
+ |H| 680200 ->85mm

76 / 15
■ 160201 ->76/85mm

85 / 15
■ 180209 ->85mm

60 / 35 / |F| /
■ 120242 ->60/70mm
▞ 1202420000020
+ |H| 680200 ->85mm
|F| 229110, 229111
|P| 249335

70 / 35 / |F| / / ICA
■ 140205 ->70mm
▞ 1402050000020
+ |H| 680200 ->85mm
|F| 229110, 229111
|P| 249335

76 / 35 / |F| /
■ 160202 ->76/85mm
▞ 1602020000020
|F| 229098, 229100, 229101
|P| 249335

85 / 35 / |F| /
■ 180201 ->85mm
▞ 1802010009820
|F| 229098, 229100, 229101
|P| 249335

60 / 60 / |F| /
■ 120221 ->60/70mm
▞ 1202210000020
+ |H| 680200 ->85mm
|F| 229114, 229115
|P| 249360

70 / 60 / |F| / / ICA
■ 140207 ->70mm
▞ 1402070000020
+ |H| 680200 ->85mm
|F| 229017, 229114, 229115
|P| 249360

85 / 60 / |F| /
■ 180203 ->85mm
▞ 1802030009820
|F| 229114, 229115
|P| 249360

70 / 100 / |F| 1. / |F| 2. /
■ 140208 ->70/85mm
▞ 1402080009820
|F| 1. 229114, 229115
2. 259010, 259011
|P| 249310

76 / 100 / |F| / |F| /
■ 160204 ->76/85mm
▞ 1602040000020
|F| 229114, 229115
|P| 249310

85 / 100 / |F| / |F| /
■ 180204 ->85mm
▞ 1802040009820
|F| 229114, 229115
|P| 249310

70 / 140 / |F| / |F| /
■ 140206 ->70/85mm
▞ 1402060000020
|F| 229114, 229115

2 / 74
■ 160227 ->76mm ICA

2 / 83
■ 180227 ->85mm

2 / 68
■ 140227
-> 100078

profile podokienne

43 / 50 / |F| 1. / |F| 2.
▨ 120238 ->60/70mm
|F| 1. 239030
2. 239129

60 / 55 / |F| /
■ 160223 ->76/85mm
▞ 1602230000020
|F| 229114, 229115

60 / 140 / |F| 1. / |F| 2. / |F| 3. / ICA
■ 1602260000020
->76/85mm
|F| 1./3. 229114, 229115
2. 249009

60 / 130 / |F| 1./ / |F| 2. / |F| 3./
▨ 120223 ->60/70mm
▞ 1202230000020
+ |H| 680200 ->85mm
|F| 1./3. 229114, 229115
2. 229110, 229111

70 / 40 / |F|
▨ 140200 ->70mm
+ |H| 680200 ->85mm
|F| 239129

40 / 50 / 40
▨ 144216 ->70/76/85mm
▞ 1442160000020

43 / 30 / |Z|
▨ 184247 ->70/76/85mm
|Z| 680299

39.5 / 30
▨ 144215

33.5 / 30
▨ 144247

28 / 40 / |F|
▨ 124214
|F| 22x22mm

20 / 30
▨ 120239

28 / 10
▨ 124211

17 / 50
■ 120210

17 / 40
▨ 120209

16 / 25
■ 120206

16 / 13.5 / 6mm
▨ 130211 cza
▨ 130212 pbi

12 / 50
■ 120102

8 / 30
■ 120237

8 / 15
▨ 120236

13 / 20
■ 120106

13 / 10
▨ 140277

11 / 8 / 38 / 25
▨ 140279
->70/76/85mm

8 / 30 / 35
▨ 140198
-> 110x99
|H| 620198

dodatki

|F| patrz plan:
wzmocnienia

|H| dodatki montażowe

680200
->85mm +
120221, 120223,
120242, 140200,
140205, 140207,
140209

644299
|X| 742299,
762299,
782299
-> poszerzenia

682333
ogólne
-> poszerzenia

250mm
640331
występ
30mm ->100kg
50mm ->60kg
70mm ->30kg

680414
-> 080x04,
180x04

620410
-> ogólne

620198
-> 140198

|P| **aluskin** nakładki aluminiowe
|P| -> poszerzenia

35 / SL 45mm / AU 141mm
▨ 249335 (CL)
-> 120242,
140205,
160202,
180201

60 / SL 70mm / AU 197mm
▨ 249360 (CL)
-> 120221,
140207,
180203

100 / SL 110mm / AU 282mm
▨ 249310 (CL)
-> 140208,
160204,
180204

|X| uszczelki

742299 cza
->70mm
-> poszerzenia
|H| 644299

762299 cza
->76mm
-> poszerzenia
|H| 644299

782299 cza
->85mm
-> poszerzenia
|H| 644299

l~24m
150
150mm x ...
690060 ->60mm
690070 ->70mm
690076 ->76mm
690085 ->85mm
-> poszerzenia

|Z| pozostałe dodatki

680299
~13/17x20x1000mm
-> 184247

poszerzenia
Profil podokienny

ICA w przygotowaniu
(nowe lub zmieniony)

▨ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie
▞ **foam inside** -> ▨

-> do

zie zielony
cza czarny
pbi papirusowa biel

głębokość zabudowy
->60mm ->IDEAL 2000
->70mm ->IDEAL 4000 / 5000
->76mm ->energeto neo
->85mm ->IDEAL 7000 / 8000
... ->IDEAL 2000 - 8000

SL długość widoczna
AU obwód zewnętrzny

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fon: +49 721 47171-0 | fax: -999
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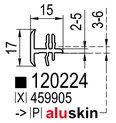
łączniki

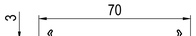
◪ 120116



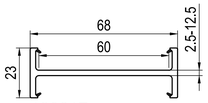
■ 120224
|X| 459905
-> |P| aluskin

3mm
449140 cza
447140 pbi
~|X| uszczelki

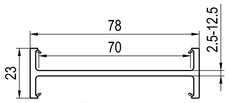
6mm
449141 cza
- pbi
~|X| uszczelki



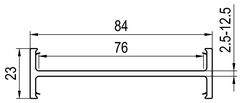
◪ 140203 ->70mm



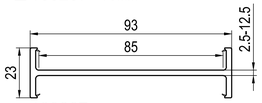
■ 120217 ->60mm



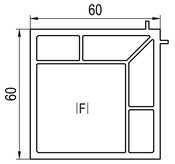
■ 140267 ->70mm



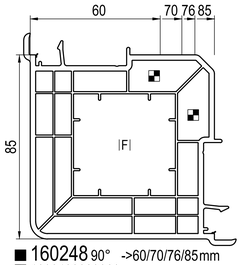
■ 160267 ->76mm



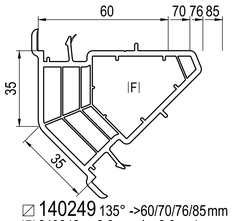
■ 180267 ->85mm



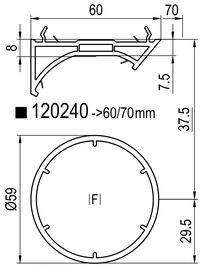
■ 120275 90° ->60mm
|F| 229040 s=2.0mm, Ix=7.0cm⁴
|H| 622041



■ 160248 90° ->60/70/76/85mm
▞ 1602480009820
|F| 229040 s=2.0mm, Ix=7.0cm⁴
|H| 622041
|P| 249448

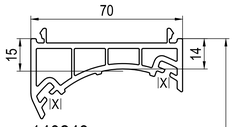


◪ 140249 135° ->60/70/76/85mm
|F| 249242 s=2.0mm, Ix=2.9cm⁴
|H| 622902

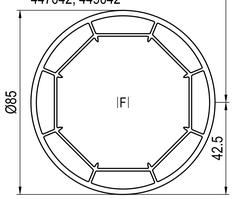


■ 120240 ->60/70mm

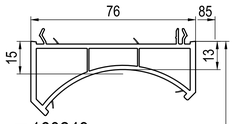
■ 120241 ->60/70mm
|F| 229140 s=3.25mm, Ix=11.7cm⁴
|H| 622140



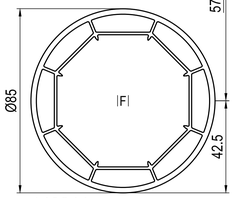
■ 140243 ->70mm
|X| 447340, 449340, 447042, 449042



■ 140244 ->70/76/85mm
|F| 249244 s=3.2mm, Ix=23.5cm⁴
|H| 622333



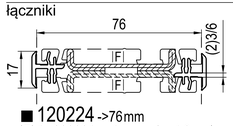
■ 160243 ->76/85mm



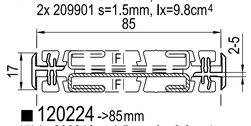
■ 140244 ->70/76/85mm
|F| 249244 s=3.2mm, Ix=23.5cm⁴
|H| 622333

profile statyczne

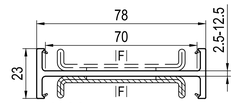
łączniki



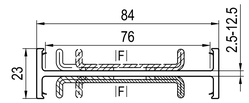
■ 120224 ->76mm
|F| 1x 209901 s=1.5mm, Ix=4.9cm⁴
2x 209901 s=1.5mm, Ix=9.8cm⁴



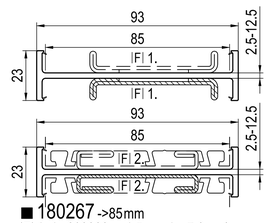
■ 120224 ->85mm
|F| 1x 289018 s=1.5mm, Ix=6.2cm⁴
2x 289018 s=1.5mm, Ix=12.4cm⁴
|H| 622355, 682331



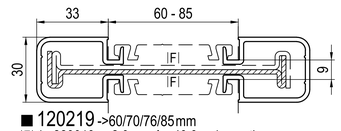
■ 140267 ->70mm
|F| 1x 209900 s=1.5mm, Ix=7.3cm⁴
2x 209900 s=1.5mm, Ix=14.6cm⁴
|H| 622355, 682331



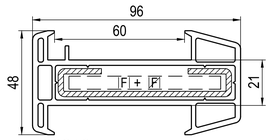
■ 160267 ->76mm
|F| 1x 209900 s=1.5mm, Ix=7.3cm⁴
2x 209900 s=1.5mm, Ix=14.6cm⁴
|H| 622355, 682331
|F| 1x 209901 s=1.5mm, Ix=4.9cm⁴
2x 209901 s=1.5mm, Ix=9.8cm⁴



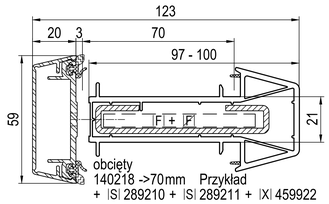
■ 180267 ->85mm
|F| 1. 1x 209900 s=1.5mm, Ix=7.3cm⁴
1. 2x 209900 s=1.5mm, Ix=14.6cm⁴
2. 1x 289018 s=1.5mm, Ix=6.2cm⁴
2. 2x 289018 s=1.5mm, Ix=12.4cm⁴
|H| 622355, 682331



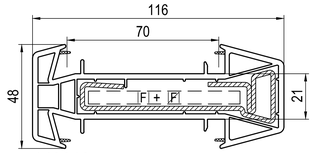
■ 120219 ->60/70/76/85mm
|F| 1x 229019 s=2.0mm, Ix=43.3cm⁴, wytłoczony
2x 229019 s=2.0mm, Ix=86.6cm⁴, wytłoczony
|H| 622019, 642025, 645050



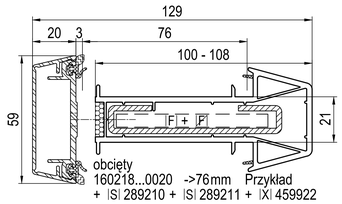
■ 120218 ->60mm T-01
|F| 229018 s=2.5mm, Ix=24.8cm⁴
|P| 229010 s=3.0mm, Ix=9.9cm⁴
|P| Stal 70mm s=6.0mm, Ix=17.1cm⁴
|H| 622338, 622354, 682332, 682335



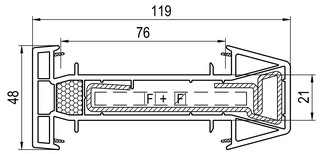
obcięty
140218 ->70mm Przykład
+ |S| 289210 + |S| 289211 + |X| 459922



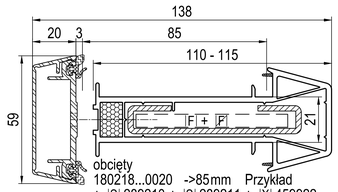
■ 140218 ->70mm T-01
|F| 229018 s=2.5mm, Ix=24.8cm⁴
|F| 289218 s=2.0mm, Ix=37.0cm⁴
|P| 229010 s=3.0mm, Ix=9.9cm⁴
|P| Stal 70mm s=6.0mm, Ix=17.1cm⁴
|H| 622338, 622354, 682332, 682335



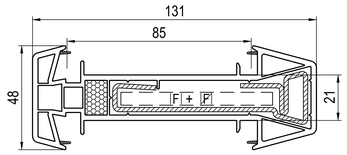
obcięty
160218...0020 ->76mm Przykład
+ |S| 289210 + |S| 289211 + |X| 459922



■ 160218...0020 ->76mm T-01
|F| 229018 s=2.5mm, Ix=24.8cm⁴
|F| 289218 s=2.0mm, Ix=37.0cm⁴
|P| 229010 s=3.0mm, Ix=9.9cm⁴
|P| Stal 70mm s=6.0mm, Ix=17.1cm⁴
|H| 622338, 622354, 682332, 682335

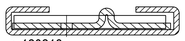


obcięty
180218...0020 ->85mm Przykład
+ |S| 289210 + |S| 289211 + |X| 459922

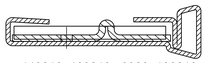


■ 180218...0020 ->85mm T-01
|F| 229018 s=2.5mm, Ix=24.8cm⁴
|F| 289218 s=2.0mm, Ix=37.0cm⁴
|P| 229010 s=3.0mm, Ix=9.9cm⁴
|P| Stal 70mm s=6.0mm, Ix=17.1cm⁴
|H| 622338, 622354, 682332, 682335

T-01 Ix [cm⁴]

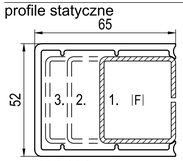


-> 120218,
140218, 160218...0020, 180218...0020
|F| 229018 = 24.8cm⁴
|F| 229018 + |P| 229010 = 34.7cm⁴
|F| 229018 + |P| Stal 70x6 = 41.9cm⁴



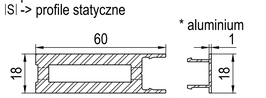
-> 140218, 160218...0020, 180218...0020
|F| 289218 = 37.0cm⁴
|F| 289218 + |P| 229010 = 46.9cm⁴
|F| 289218 + |P| Stal 70x6 = 54.1cm⁴

profile statyczne



■ 120109
|F| 1. 229114 s=1.5mm, Ix=4.0cm⁴
1. 229115 s=2.0mm, Ix=5.0cm⁴
2. 229125 s=2.0mm, Ix=12.1cm⁴
2. 229126 s=3.0mm, Ix=16.8cm⁴
3. 259926 s=2.0mm, Ix=18.7cm⁴
|H| 622104 -> |F| 229125, 259926

|S| profile aluminiowe
|S| -> profile statyczne



270044 bi + 270045 bi
279044 * + 279045 *
|S| 270045, 279045 |S| 270044, 279044
SL 123mm SL 22mm
AU 180mm AU 80mm
GU 272mm
Ø5.5, a=250mm z otworami
Ix/Iy=5.5/0.8cm⁴ Stal ~16.5/2.5cm⁴*

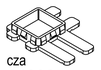
dodatki

|A| podkładki do szklenia

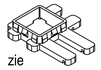
nie
640302 2x50x100mm
-> łączniki

|F| patrz plan:
wzmocnienia

|H| dodatki montażowe



cza
642025 3mm
ogólne
-> łączniki



zie
645050 5mm
ogólne
-> łączniki

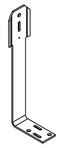
622140
|F| 229140
-> 120241

622333
|F| 249244
-> 140244

622041
|F| 229040
-> 120275, 160248

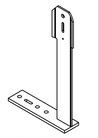
622104
|F| 229125, 259926
-> 120109

622338
|F| 229018, 289218
-> 120218, 140218, 160218 ...0020, 180218 ...0020



622354 1)
|F| 229018, 289218
-> 120218, 140218, 160218 ...0020, 180218 ...0020

682332
|F| 229018, 289218
-> 120218, 140218, 160218 ...0020, 180218 ...0020



682335 1)
|F| 229018, 289218
-> 120218, 140218, 160218 ...0020, 180218 ...0020

622902 2)
|F| 249242
-> 140249

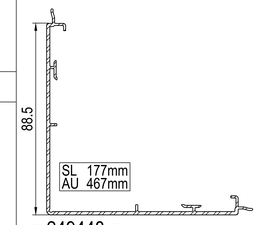
622019 2)
|F| 229019
-> 120219

622355 2)
|F| 209900, 289018
-> 120224, 140267, 160267, 180267

682331 2)
|F| 209900, 289018
-> 120224, 140267, 160267, 180267

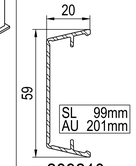
1) ogólne z.B. -> Skrzynka rolety
2) ogólne z.B. -> łączniki

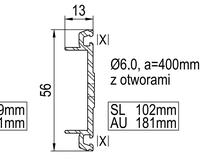
|P| aluskin nakładki aluminiowe
|P| -> łączniki



◪ 249448 (CL)
-> 160248

|S| profile aluminiowe





◪ 289210 (CL) + ◪ 289211 (CL)
|S| 289211 |S| 289210
|X| 459922
-> z.B. 140218, 180218...0020

|S| -> profile statyczne
patrz
profile statyczne

|X| uszczelki

449340 cza
447340 pbi
standard
-> 140243

TPE
449042 cza
447042 pbi
-> 140243

459922 cza
- pbi
|S| 289211

3mm
449140 cza
447140 pbi
~łączniki

6mm
449141 cza
- pbi
~łączniki

459905 cza
-> 120224

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie
▞ foam inside -> ◪

-> do

nie niebieski
zie zielony
cza czarny
pbi papirusowa biel
bi biały

głębokość zabudowy
->60mm ->IDEAL 2000
->70mm ->IDEAL 4000 / 5000
->76mm ->energeto neo
->85mm ->IDEAL 7000 / 8000
... ->IDEAL 2000 - 8000

SL długość widoczna
AU obwód zewnętrzny

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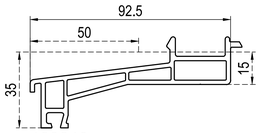
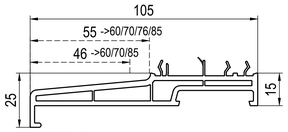
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

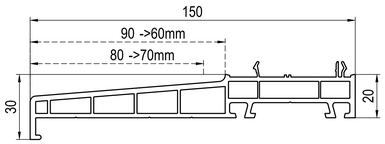
parapety zewnętrzne



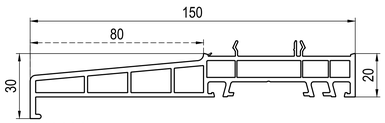
■ 120246
|C| 650921



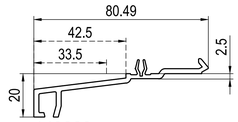
■ 120248
|C| 620249, 640238



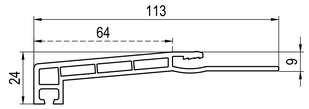
■ 120249
->60/70mm
|C| 640238



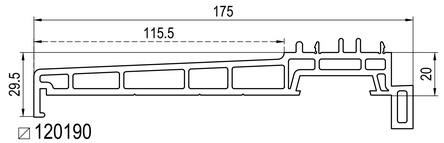
■ 140238
->70mm
|C| 640238



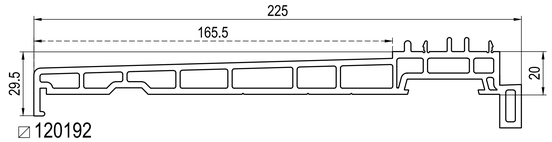
◪ 140229



■ 140219
-> 120x39, 120x91, 140x17, 140x090000011, 150x110000011
|C| 640238

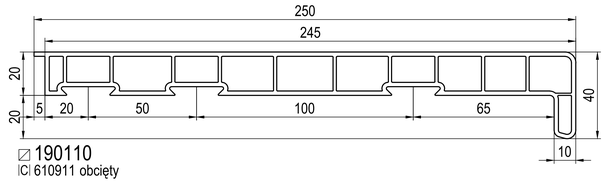


◪ 120190

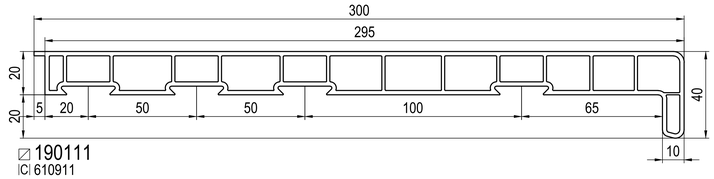


◪ 120192

parapety wewnętrzne

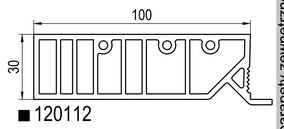


◪ 190110
|C| 610911 obcięty

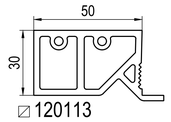


◪ 190111
|C| 610911

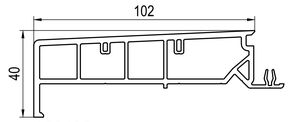
ościeża



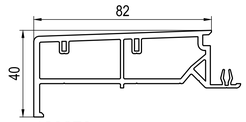
■ 120112



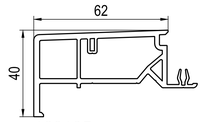
◪ 120113



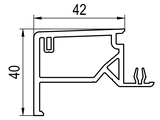
◪ 120196



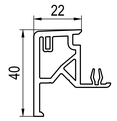
■ 120270



◪ 120195



◪ 120194

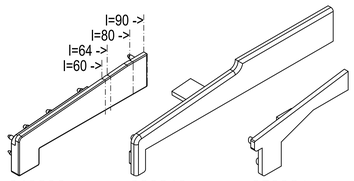


◪ 120193

parapety zewnętrzne
parapety wewnętrzne
ościeża

dodatki

|C| zaślepki



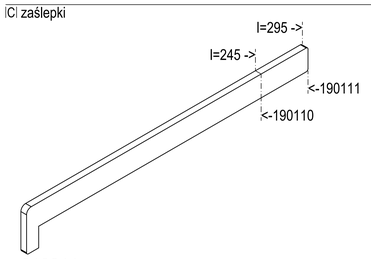
640238
-> 120248, 120249, 140219, 140238

620249
-> 120248

650921
-> 120246

dodatki

|C| zaślepki



610911
-> 190110, 190111

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

głębokość zabudowy
->60mm ->IDEAL 2000
->70mm ->IDEAL 4000 / 5000
->76mm ->energeto neo
->85mm ->IDEAL 7000 / 8000
... ->IDEAL 2000 - 8000

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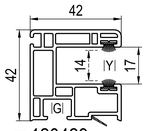
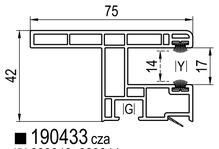
prowadnice rolet -> maxi-L

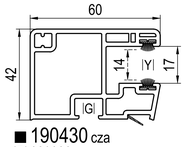
prowadnice rolet



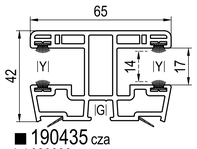
■ 120429 cza
|B| 620042, 620044
|C| 620032
|G| 652923
|Y| 459930 -> maxi-L standard
|Y| 459932 -> mini-L opcja



■ 190433 cza
|B| 620042, 620044
|C| -
|G| 652923
|Y| 459930 -> maxi-L standard
|Y| 459932 -> mini-L opcja



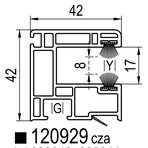
■ 190430 cza
|B| 620038
|C| 690030
|G| 652923
|Y| 459930 -> maxi-L standard
|Y| 459932 -> mini-L opcja



■ 190435 cza
|B| 620038
|C| 690035
|G| 652923
|Y| 459930 -> maxi-L standard
|Y| 459932 -> mini-L opcja

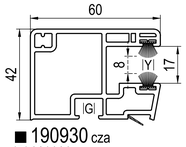
-> mini-L

prowadnice rolet

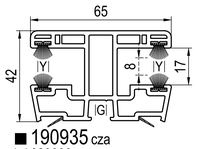


■ 120929 cza
|B| 620042, 620044
|C| 620032
|G| 652923
|Y| 459930 -> maxi-L opcja
|Y| 459932 -> mini-L standard

patrz
190433
+ opcja



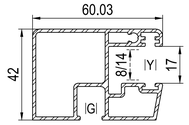
■ 190930 cza
|B| 620038
|C| 690030
|G| 652923
|Y| 459930 -> maxi-L opcja
|Y| 459932 -> mini-L standard



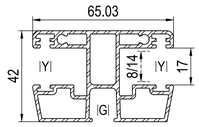
■ 190935 cza
|B| 620038
|C| 690035
|G| 652923
|Y| 459930 -> maxi-L opcja
|Y| 459932 -> mini-L standard

alu

|R| prowadnice rolet alu.
bez szczotek



⧄ 260406
|B| 620038
|C| -
|G| 659923
SL 100mm
AU 333mm
GU 579mm
|Y| 459930 -> maxi-L
|Y| 459932 -> mini-L



⧄ 260407
|B| 620038
|C| -
|G| 659923
SL 131mm
AU 435mm
GU 715mm
|Y| 459930 -> maxi-L
|Y| 459932 -> mini-L

dodatki

|B| lejki prowadzące

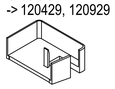
620044
-> 120429, 120929, 190433
-> trawersy rolet 120230

620042
-> 120429, 120929, 190433

620038
-> 190430, 190930, 190435, 190935
|R| 260406, 260407

|C| zaślepki

620032
-> 120429, 120929



690030
-> 190430, 190930

690035
-> 190435, 190935

|G| śruby zatrzaskowe / klipsy

652923
-> PVC
-> 120429, 120929, 190430, 190930, 190433, 190435, 190935

659923
-> aluminium
|R| 260406, 260407

|Y| uszczelki szczotkowe

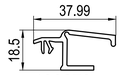
459930 cza
-> maxi-L
-> 120429, 120929, 190430, 190930, 190433, 190435, 190935
|R| 260406, 260407

459932 cza
-> mini-L
-> 120429, 120929, 190430, 190930, 190433, 190435, 190935
|R| 260406, 260407

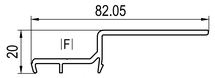
rolety

trawersy rolet

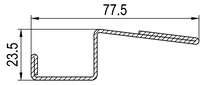
⧄ 190274



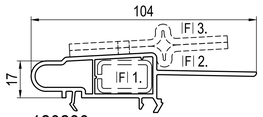
⧄ 190273



⧄ 144233
|F| 249234



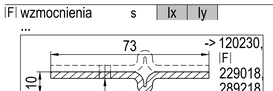
|F| 249234 s=1.5mm, Ix=12.6cm 4



⧄ 120230
|F| 1. 229107 s=2.0mm, Ix=1.0cm 4
2. 229010 s=3.0mm, Ix=9.9cm 4
3. 2x 229010 s=3.0mm, Ix=19.7cm 4

dodatki

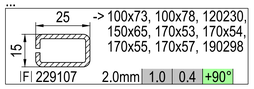
|F| wzmocnienia s Ix Iy
...



3) Ø5.5, a=250mm z otworami

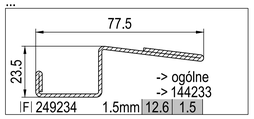
|F| 229010 3)	3.0mm	9.9	0.1	
|F| 229010 3)	2x 3.0mm	19.7	0.2	

...



|F| 229107 2.0mm 1.0 0.4 +90°

...



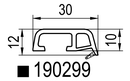
|F| 249234 1.5mm 12.6 1.5

...
patrz plan: wzmocnienia

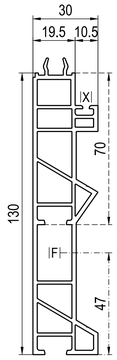
skrzynki renowacyjne

skrzynki renowacyjne

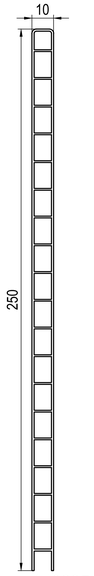
⧄ 140240
-> 140235



■ 190299
-> 190298



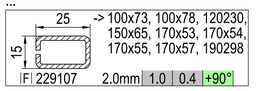
■ 190298
|F| 229107
|X| 429320



■ 140235

dodatki

|F| wzmocnienia s Ix Iy
...



|F| 229107 2.0mm 1.0 0.4 +90°

...
patrz plan: wzmocnienia

|X| uszczelki

429320 cza
-> 190298

⧄ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

lamele do rolet
mini-L ~ 8x37mm
maxi-L ~ 14x52mm

uszczelki szczotkowe
cza czarny

SL długość widoczna
AU obwód zewnętrzny
GU obwód całkowity

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DODATKI

energeto® IDEAL

|A| podkładki do szklenia

ogólne — grubość oszklenia

|A| — 1 podkładki do szklenia; 2, 3, 4, 5 patrz plan: profile dodatkowe, ogólne; 6 [mm]; 0 -
(bi, nie, cze, żó, zie, cza)

- IDEAL 2000 (47; 20; 60; 1:2): 4-33mm, 5 — 0mm 620301 cze; 4-31mm, 0 — 5mm 625305 zie
- IDEAL 2000 +8, IDEAL 4000 / (NL), IDEAL 5000 (55; 20; 70-120): 4-42mm, 5 — 0mm 640301; 4-38mm, 0 — 5mm 640320
- IDEAL 5000 (MD 55; 30; 70): 24-35mm, 3 — 12mm 650016; 4-38mm, 2 -> 130250 — 13mm 650321
- IDEAL 7000 / (NL) (65; 20; 85): 14-52mm, 5 — 0mm 620301 cze; 14-30mm, 0 — 5mm 625305 zie
- IDEAL 7000, energeto neo (4; 81; 85) -> 170x39: 0mm 620301 cze; 34-71mm, 5; 38-75mm, 5
- IDEAL 7000 / (NL), IDEAL 8000 (65; 20; 85-120): 14-52mm, 5 — 0mm 670301
- IDEAL 8000 / (NL) (MD 65; 30; 85-120): 34-45mm, 3 — 12mm 680016; 14-48mm, 2 -> 130250 — 13mm 680321
- energeto neo (MD 65; 25; 76): 14-48mm, 3 — 4mm 665016 zie; 50-52mm, 3 — 4mm 662017 cza
- energeto neo (AD 65; 25; 76): 14-52mm, 5 — 0mm 660301 cze

- Ⓜ 47 ✓ (20; 60): IDEAL 2000 — 3-32mm
- Ⓜ 55 ✓ (20; 70): IDEAL 2000 +8, IDEAL 4000 / (NL), IDEAL 5000 — 4-42mm
- Ⓜ 63 ✓ (20; 78): IDEAL 4000 +8, IDEAL 5000 +8 — 12-49mm
- Ⓜ 65 ✓ (20; 85): IDEAL 7000 / (NL), IDEAL 8000 / (NL) — 14-52mm
- Ⓜ 73 ✓ (20; 93): IDEAL 7000 +8, IDEAL 8000 +8 — 22-59mm
- Ⓜ 67 ✓ (20; 78): energeto neo — 16-54mm
- Ⓜ 81 ! (20; 92): energeto neo +14 — 30-68mm

✓ opcja — ≥ 24mm |J| wklejane szyby
! wymagany |J| wklejane szyby

	620250	650250	650252	655251	680250	685251
Ⓜ 47	3-20mm	3-32mm	-	-	-	-
Ⓜ 55	4-20mm	4-42mm	4-35mm	4-38mm	-	-
Ⓜ 63	12-20mm	12-49mm	12-35mm	12-38mm	12-44mm	(12-46mm)
Ⓜ 65	14-20mm	14-52mm	14-35mm	14-38mm	14-44mm	14-48mm
Ⓜ 73	-	22-59mm	22-35mm	22-38mm	22-44mm	22-48mm
Ⓜ 67	16-20mm	16-54mm	16-35mm	16-38mm	16-44mm	16-48mm
	4	5, 6, 1	4	0	4	0
	Ⓜ ≤ 73 1mm	Ⓜ -1mm	Ⓜ 1mm	Ⓜ 5mm	1mm	5mm
	620250 cze	650250 cze	650252 cze	655251 zie	680250 cze, Ⓜ 63-73	685251 zie, Ⓜ 63-73

|A| podkładki do szklenia

|C| zaślepki

IDEAL 2000
- 620001 (CL) -> 120x63
- 620029 -> 120x86, 120x82
- 620415 (MB) -> 110x06, 110x08, 110x09, 120x19

IDEAL 2000, IDEAL 4000
- 620097 (RL) -> 120x97

IDEAL 4000
- 640082 -> 140x74, 140x76, 140x78, 140x82

IDEAL 4000
- 640066 (CL) -> 140x66
- 640067 (SL) -> 140x67
- 640065 (CL) -> 140x65

IDEAL 5000
- 650029 (CL) -> 150x68, 150x69
- 650067 (CL) -> 150x67
- 650065 (CL) -> 150x65

IDEAL 7000
- 670064 (CL) -> 170x64
- 670365 (CL) -> 170x65 |C| 670465
- + 670465 (CL) -> 170x65 |C| 670365

IDEAL 8000
- 680029 (CL) komplet -> 080x89, 180x69
- 680066 (CL) -> 180x66
- 680064 (CL) -> 180x64
- 682229 (QL) -> 080x89 + |P| |P| 289589 (QL) -> 180x69 + |P| |P| 289569 (QL)
- 682266 (QL) -> 180x66 + |P| |P| 289566 (QL)
- 682264 (QL) -> 180x64 + |P| |P| 289564 (QL)

energeto neo
- 660364 (QL) -> 160x64 |C| 660464
- 660464 (QL) -> 160x64 |C| 660364 |C| 660564 + |P|
- 660564 (QL) -> 160x64 + |P| |P| 269564 (QL) |C| 660464
- 660366 (QL) -> 160x66 |C| 660466
- 660466 (QL) -> 160x66 |C| 660366 |C| 660566 + |P|
- 660566 (QL) -> 160x66 + |P| |P| 269566 (QL) |C| 660466
- 660077 (QL) -> 060x77, 160x70, 160x74
- 660097 (QL) -> 160x97
- 660597 (QL) -> 160x97 + |P| |P| 269597 (QL)

|D| łączniki słupka z kołnierzami / |Ø| łączniki słupka bez kołnierzy — P~plastikowy

- IDEAL 2000 (Ⓜ 47; 20; 60; 1:2) -> 120x41, 120x45: Ⓜ |D| - |Ø| 627241 |O| -
- IDEAL 2000 (47; 20; 60) -> 120x41, 120x45: |D| 629111 P; |D| 627101 |Ø| 627131 |O| 620900; |D| 627102 |Ø| 627132 |O| 620900; |D| - |Ø| 620116 |O| -
- IDEAL 2000 +8, IDEAL 4000 / (NL), IDEAL 5000 (Ⓜ 55; 20; 70): -> 140x41, 140x47 Ⓜ |D| - |Ø| 647241 |O| -; -> 140x45 Ⓜ |D| - |Ø| 647245 |O| -; -> 140x46 Ⓜ |D| - |Ø| 647146 |O| -
- IDEAL 2000 +8, IDEAL 4000 / (NL), IDEAL 5000 (55; 20; 70-120) -> 140x41, 140x47: |D| 647131 |Ø| 647101 |O| 640900; |D| 647132 |Ø| 647102 |O| 640900; -> 140x45: |D| - |Ø| 647136 |O| 640901; |D| 677133 |Ø| 677103 |O| 640901; -> 140x35: |D| 627107 |Ø| - |O| -
- IDEAL 4000 +8, IDEAL 5000 +8 (Ⓜ 63; 20; 78) -> 140x48: Ⓜ |D| - |Ø| 647148 |O| -
- IDEAL 5000 (MD 55; 30; 70) -> 150x43: |D| 657130 |Ø| 657030 |O| 650950; |D| 657134 |Ø| - |O| 650950; |X| 650032, 659032 ->; |X| 650033, 659033 ->
- IDEAL 7000 / (NL) (65; 20; 85): -> 170x41 |D| - |Ø| 677142 |O| 670950; -> 170x44 |D| - |Ø| 677144 |O| 670950
- IDEAL 7000 / (NL), IDEAL 8000 / (NL) (Ⓜ 65; 20; 85): -> 170x41 Ⓜ |D| - |Ø| 677241 |O| 670950; -> 170x44 Ⓜ |D| - |Ø| 677244 |O| 670950; -> 180x46 Ⓜ |D| - |Ø| 687246 |O| -
- IDEAL 7000 / (NL), IDEAL 8000 (65; 20; 85-120): -> 170x41 |D| 679141 P |Ø| - |O| 670950; |D| 677101 |Ø| - |O| 670950; -> 170x44 |D| 677146 |Ø| - |O| 670950; |D| - |Ø| 677145 |O| 670950
- IDEAL 7000 +8, IDEAL 8000 +8 (Ⓜ 73; 20; 93) ⚠ -> -: Ⓜ |D| - |Ø| - |O| -
- IDEAL 8000 / (NL) (MD 65; 30; 85-120) -> 180x44: |D| 687131 |Ø| - |O| 680950; |D| - |Ø| 687102 |O| 680950; |X| 650032, 659032 ->; |X| 650033, 659033 ->

- energeto neo (MD 65; 25; 76) -> 160x45: |D| - |Ø| 667145 |O| 660950; |D| - |Ø| 667045 |O| 660950; |X| 660032, 669032 ->; -> 160x46: |D| - |Ø| 667146 |O| 660950; |D| - |Ø| 667046 |O| 660950; |X| 660034, 669034 ->
- energeto neo (AD 65; 25; 76) -> 160x41: |D| - |Ø| 667141 |O| 660950; |D| - |Ø| 667041 |O| 660950; -> 160x43: |D| - |Ø| 667143 |O| 660950; |D| - |Ø| 667043 |O| 660950
- energeto neo (Ⓜ 67; 20; 78) -> 160x48: Ⓜ |D| - |Ø| 667048 |O| -
- energeto neo +14 (Ⓜ 81; 20; 92) ⚠ -> -: Ⓜ |D| - |Ø| - |O| -
- IDEAL 4000 (NL) (55; 20; 120) -> 140x57: |D| - |Ø| 647057 |O| -; |X| 440357, 449357 (NL)
- IDEAL 7000 (NL) (65; 20; 120) -> 170x57 |O| 670957 (NL): |D| 679141 P |Ø| - |O| 670950; |D| 677101 |Ø| - |O| 670950; |X| 470057, 479057 (NL)
- IDEAL 8000 (NL) (MD 65; 30; 120) -> 180x57 |O| 670957 (NL): |D| 687131 |Ø| - |O| 680950; |D| - |Ø| 687102 |O| 680950; |X| 480057, 489057 (NL); |X| 650032, 659032 ->; |X| 650033, 659033 ->

|D| łączniki słupka z kołnierzami -> ogólne
- (24; 55; 25; Ø4.0; 2.5; [mm]) |D| 642140 |O| -

|D| łączniki słupka z kołnierzami -> |U| / uniwersalny — P~plastikowy
- 35x20x1000mm — |D| 620046 P -> 120x41, 120x45, 140x41, 140x47
- 45x20x1000mm — |D| 640046 P 1x -> 160x41, 160x45, 180x44; 2x -> 140x45, 160x43, 160x46, 170x44
- 40x20x1000mm — |D| 650047 P -> 150x43, 170x41
- 35.4x17.9x1000mm — |D| 680046 P -> 180x46
- 82.5x20x1000mm — |D| 680047 P (NL) -> 170x53, 170x54, 170x55, 170x57, 180x54, 180x57

|O| elementy pomocnicze
- IDEAL 2000: 620900 -> |D| 627101, 627102, 629111 -> |Ø| 627131, 627132
- IDEAL 2000 +8, IDEAL 4000, IDEAL 5000: 640900 -> |D| 647131, 647132 -> |Ø| 647101, 647102
- 640901 -> |D| 677133 -> |Ø| 647136, 677103
- IDEAL 5000: 650950 -> |D| 657130, 657134 -> |Ø| 657030
- IDEAL 8000: 680950 -> |D| 687131 -> |Ø| 687102
- IDEAL 7000, IDEAL 8000: 670950 -> |D| 677101, 677146, 679141 -> |Ø| 677145, 677142, 677144, 677241, 677244
- IDEAL 7000, IDEAL 8000 (NL): 670957 -> 170x57, 180x57
- energeto neo: 660950 -> |Ø| 667041, 667043, 667045, 667046, 667141, 667143, 667145, 667146

|X| uszczelki
- IDEAL 5000 / 8000, IDEAL 8000 (NL): 650032 bi, 659032 cza -> 150x43 |D| 657130, 657134 |Ø| 657030 -> 180x44, 180x57 (NL) |D| 687131 |Ø| 687102; 650033 bi, 659033 cza -> 150x43 |D| 657130, 657134 |Ø| 657030 -> 180x44, 180x57 (NL) |D| 687131 |Ø| 687102
- energeto neo: 669032 cza, 660032 bi -> 160x45 MD |Ø| 667045, 667145; 669034 cza, 660034 bi -> 160x46 MD |Ø| 667046, 667146
- IDEAL 4000: 449357 cza, 440357 bi -> 140x57 (NL) |Ø| 647057
- IDEAL 7000: 479057 cza, 470057 bi -> 170x57 (NL) |D| 677101, 679141
- IDEAL 8000: 489057 cza, 480057 bi -> 180x57 (NL) |D| 687131 |Ø| 687102

|E| łączniki naroży

- IDEAL 4000: 620125 |F| 229125, 229129 |O| 640938; 620126 |F| 229126, 229131 |O| 640938; 640032 |F| 249009 |O| 640938
- IDEAL 4000, IDEAL 7000: 640029 |F| 249029 |O| 640938
- IDEAL 5000, IDEAL 8000: 640031 |F| 229115 |O| 640938
- IDEAL 2000: 680030 |F| 229115 |O| 640938
- IDEAL 7000, energeto neo: 640038 |F| 229135, 229137 |O| 640938
- energeto neo: 660033 |F| 269033, 269034 |O| 640938
- ogólne -> |E|: |O| 640938

|F| patrz plan: wzmocnienia

|I| ślizgi
- ogólne: 620440 -> skrzydła; 640441 -> ramy
- IDEAL 2000: 620441 -> ramy
- IDEAL 4000 - 8000, energeto neo: 640015 -> ramy; 640012 -> ramy
- IDEAL 2000: 624015 -> ramy

|J| wklejane szyby — ≥ 24mm

	H [mm]		H [mm]
640033 cze	3	640113 cze	13
640034 żó	4	640020 cze	11
640035 zie	5		
640015 bi	12	640012 bi	12
640014 cze	13	640013 cze	13
640019 żó	14		

IDEAL 2000 - 8000, energeto neo
- Ⓜ 3.5mm 642262 cza
- Ⓜ > 45kg 642261 cza
- Ⓜ > 45kg 642263 cza
- Ⓜ < 45kg 646265 sz
- Ⓜ < 45kg 646266 sz

Nord-line
- Ⓝ 4mm 642230 cza
- Ⓝ -> 642233 cza
- Ⓝ -> 642232 cza

|L| systemy wentylacji podstawowej
- 689350 cza, 687350 pbi Basic Air max
- 630315 REGEL-air® komplet
- IDEAL 5000, IDEAL 8000: 650000 Basic Air plus® -> MD

|O| elementy pomocnicze
- 640938 -> |E| 620125, 620126, 640029, 640031, 640032, 640038, 660033, 680030

|X| uszczelki

- 459922 cza, - pbi; 459925 cza, 450925 pbi; 459923 cza, - pbi
- 429338 cza, - pbi; 429330 cza, 420330 bi; 429334 cza, 427334 pbi

IDEAL 2000
- 429921 cza, 427921 pbi standard; 429340 cza, 420340 pbi standard; 429320 cza, - pbi

IDEAL 4000 - 8000, energeto neo
- 479025 cza, 477025 pbi standard; TPE 479015 cza, 477015 pbi
- 449340 cza, 447340 pbi standard; TPE 449042 cza, 447042 pbi; 449343 cza, 447343 pbi

energeto neo
- PVC-P 469019 cza, 467019 pbi ~ MD

|Z| pozostałe dodatki
- IDEAL 5000 / 7000 / 8000: 650295 -> ~40x27x1000 mm -> 050x20 -> 070x20, 080x20
- IDEAL 5000: 650292 ~43x20x1000 mm -> 050x04; 650290 ~14x34x1000 mm -> 050x03, 050x04
- IDEAL 8000: 680286 ~21x43.5x1000 mm -> 080x04, 080x05; 680285 ~13.5x25.5x1000 mm -> 080x04, 080x05; 680289 ~52x20x1000 mm -> 080x04, 180x04
- energeto neo: 660292 -> ~38x28.5x1000mm -> 060x20, 060x27; 660291 ~9.5x33.5x1000 mm -> 060x05, 060x08; 660289 ~51x28x1000 mm -> 060x08; 660290 ~31x25x1000 mm -> 060x05, 060x08

AD system z uszczelnieniem zewnętrznym
MD system z uszczelnieniem środkowym

głębokość zabudowy
- ->60mm ~ AD IDEAL 2000
- ->70mm ~ AD IDEAL 4000 / MD IDEAL 5000
- ->76mm ~ AD / MD energeto neo
- ->85mm ~ AD IDEAL 7000 / MD IDEAL 8000
- ->120mm ~ (MB) / (NL)

wrąb szybowy
- Ⓜ -> |A| lub |J| =opcja
- Ⓝ -> |J| -> Nord-line

☐ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

		nie	niebieski
(CL)	Classic-line	żó	żółty
(QL)	Qube-line	zie	zielony
(SL)	Soft-line	sz	szary
(RL)	Round-line	cze	czerwony
		cza	czarny
(MB)	Monoblok	pbi	papirusowa biel
(NL)	IDEAL x000 NL	bi	biały

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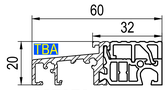
PROGI ALUMINIOWE

energeto® IDEAL

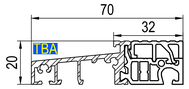
|U| progi — standard

IDEAL 2000



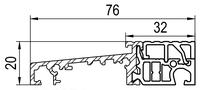
227070 sz 60x20mm

IDEAL 4000
IDEAL 5000



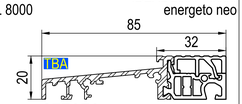
247070 sz 70x20mm

energeto neo — IDEAL 2000 - 5000



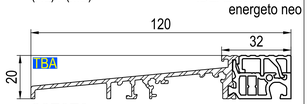
267070 sz 76x20mm

IDEAL 7000
IDEAL 8000 — IDEAL 2000 - 8000, energeto neo



277070 sz 85x20mm

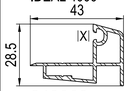
(NL) / (MB) — IDEAL 2000 - 8000, energeto neo



287070 sz 120x20mm

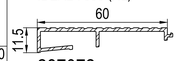
dodatki

IDEAL 4000



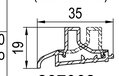
249062
|C| 646062
|U| 247070, 267070, 277070, 287070
|X| 447340, 449340, 447042, 449042, 447343, 449343
-> otwierane na zewnątrz

IDEAL 7000 (NL)



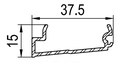
287072 (NL)
|U| 287070
|X| 690072
-> otwierane na zewnątrz

IDEAL 8000
(IDEAL 5000)



287062
komplet l= 6m
|U| 247070, 267070, 277070, 287070
energeto neo

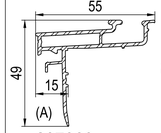
267072
|U| 267070, 277070, 287070
|X| 690072
-> otwierane na zewnątrz



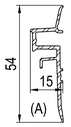
267071
|U| 267070, 277070, 287070
|X| 690072

alternatywa

IDEAL 8000

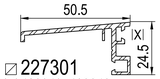


287060
|U| 287061
|X| 689360

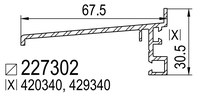


287061
|U| 287060

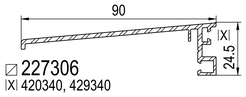
ogólne



227301
|X| 420340, 429340



227302
|X| 420340, 429340

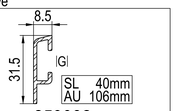


227306
|X| 420340, 429340

|T| okapniki aluminiowe — dodatki

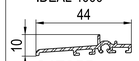
ogólne

247052
|C| 646052



259082 (CL)
|G| 659923

IDEAL 4000

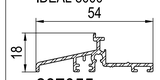


247055 TEA
|C| 646055, 646056
|Y| 459932, 459933

IDEAL 7000

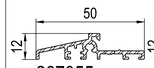
277056 TEA
|C| 676056, 676057
|Y| 459932, 459933

IDEAL 8000



287055 TEA
|C| 686055, 686056
|Y| 459933

energeto neo



267055
|C| 666055, 666056
|Y| 459933

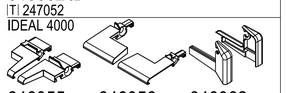
267073
|C| 666073
|Y| 459933
-> otwierane na zewnątrz

|C| zaślepki — dodatki

ogólne

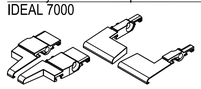
646052 sz
|T| 247052

IDEAL 4000



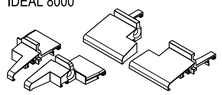
646055 sz — |T| 247055 TEA, -> skrzydła
646056 sz — |T| 247055 TEA, -> słupki ruchome
646062 sz — |U| 249062

IDEAL 7000



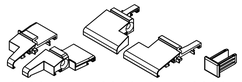
676056 sz — |T| 277056 TEA, -> skrzydła
676057 sz — |T| 277056 TEA, -> słupki ruchome

IDEAL 8000



686055 sz — |T| 287055 TEA, -> skrzydła
686056 sz — |T| 287055 TEA, -> słupki ruchome

energeto neo



666055 sz — |T| 267055, -> skrzydła
666056 sz — |T| 267055, -> słupki ruchome
666073 sz — |T| 267073

|G| śruby zatrzaskowe / klipsy — dodatki

ogólne

659923
-> aluminium
|T| 259082

|Y| uszczelki szczotkowe

ogólne

459932 cza
|T| 247055, 277056

459933 cza
|T| 247055, 267055, 267073, 277056, 287055

|Q| aluminiowe osłony przylgi

IDEAL 2000
IDEAL 4000
IDEAL 5000

227300

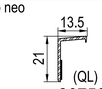
227303

IDEAL 7000
IDEAL 8000

287301

287303

energeto neo

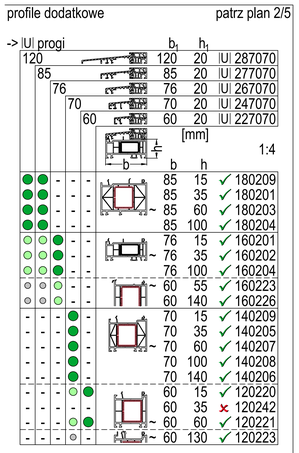


267501

profile dodatkowe

patrz plan 2/5

-> |U| progi

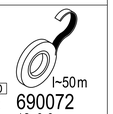


|X| uszczelki

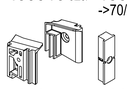
ogólne

499910 cza

156252 sz MD
->70/85mm



690072
12x0.6mm
|U| 267071, 267072, 287072



466055 sz
-> ramy
-> słupki

466057 sz ~~IDEAL 5000~~
-> skrzydła
-> słupki ruchome

446091 sz *
476091 sz
-> ramy
-> słupki

446092 sz * ~~IDEAL 7000~~
476092 sz ~~energeto neo~~
-> skrzydła
-> słupki ruchome

449340 cza
447340 pbi
standard
|U| 249062

TPE
449042 cza
447042 pbi
alternatywa
|U| 249062

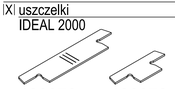
449343 cza
447343 pbi
opcja
|U| 249062

429340 cza
420340 pbi
standard
|U| 227301, 227302, 227306

(A)
689360 sz
|U| 287060

|X| uszczelki — dodatki

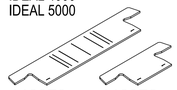
IDEAL 2000



426070 sz
-> 60mm - ramy

426072 sz
-> 120x41, 120x45

IDEAL 4000
IDEAL 5000

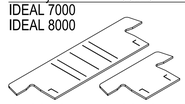


446070 sz
-> 70mm - ramy

446072 sz
-> 140x45, 150x43

446073 sz
-> 140x41, 140x47

IDEAL 7000
IDEAL 8000

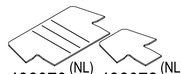


476070 sz
-> 85mm - ramy

476072 sz
-> 170x44, 180x44

476073 sz
-> 170x41

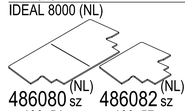
IDEAL 7000 (NL)



486070 sz (NL)
-> 170x53, 170x54

486072 sz (NL)
-> 170x57

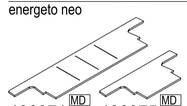
IDEAL 8000 (NL)



486080 sz (NL)
-> 180x54

486082 sz (NL)
-> 180x57

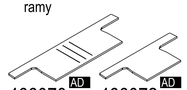
energeto neo



466071 sz MD
-> 76mm - ramy

466075 sz MD
-> 160x46

466074 sz MD
-> 160x45



466070 sz AD
-> 76mm - ramy

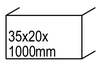
466072 sz AD
-> 160x43

466073 sz AD
-> 160x41

|D| łączniki słupka z kołnierzami — dodatki

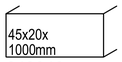
P~plastikowy

-> |U| / uniwersalny



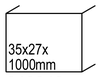
|D| 620046 P
-> 120x41, 120x45, 140x41, 140x47

|D| 620047 P
-> 120x07, 120x18



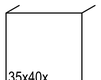
|D| 640046 P
1x -> 160x41, 160x45, 180x44
2x -> 140x45, 160x43, 160x46, 170x44

|D| 640047 P
-> 140x07, 150x03, 160x01, 180x04, 180x05



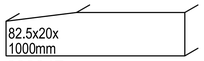
|D| 640048 P
-> 120x05, 140x01, 140x08

|D| 650047 P
-> 150x43, 170x41



|D| 670047 P
-> 140x03, 170x03

|D| 680046 P
-> 180x46



|D| 680047 P (NL)
-> 170x53, 170x54, 170x55, 170x57, 180x54, 180x57

|O| elementy pomocnicze — dodatki

IDEAL 2000

620970
-> |U| ≥ 60mm
+ ramy
120x05, 120x07, 120x18
+ słupki
120x41, 120x45

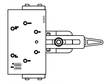
IDEAL 4000
IDEAL 5000
(IDEAL 2000)

640971
-> |U| ≥ 70(60)mm
+ słupki
140x41, 140x47, 150x43
(120x41, 120x45)

IDEAL 4000

640970
-> |U| ≥ 70mm
+ ramy
040x07, 140x01, 140x03, 140x07

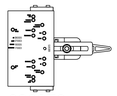
IDEAL 5000



650970
-> |U| ≥ 70mm
+ ramy
050x03, 150x03

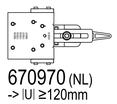
IDEAL 7000
IDEAL 8000

680971
-> |U| ≥ 85mm
+ słupki
170x41, 170x44, 180x44



680970
-> |U| ≥ 85mm
+ ramy
070x03, 080x04, 080x05, 170x03, 180x04, 180x05

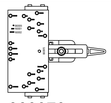
IDEAL 7000 (NL)
IDEAL 8000 (NL)



670970 (NL)
-> |U| ≥120mm
+ ramy
170x53, 170x54, 170x55, 180x54
+ słupki
170x57, 180x57

energeto neo

660971
-> |U| ≥ 76mm
+ słupki
160x41, 160x43, 160x45, 160x46



660970
-> |U| ≥ 76mm
+ ramy
060x05, 060x08, 160x01, 160x02

|V| łączniki ramy z progiem

IDEAL 4000

->70mm
646370 sz
|U| 247070

energeto neo

->76mm
666371 sz
|U| 267070

AD system z uszczelnieniem zewnętrznym
MD system z uszczelnieniem środkowym

głębokość zabudowy
->60mm ~ AD IDEAL 2000
->70mm ~ AD IDEAL 4000 / MD IDEAL 5000
->76mm ~ AD / MD energeto neo
->85mm ~ AD IDEAL 7000 / MD IDEAL 8000
->120mm ~ (MB) / (NL)

TEA w przygotowaniu (nowe lub zmieniony)

☐ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line
(QL) Qube-line

(A) aluplast austria

(MB) Monoblok
(NL) IDEAL x000 NL

sz szary
cza czarny
pbi papirusowa biel
bi biały

SL długość widoczna
AU obwód zewnętrzny

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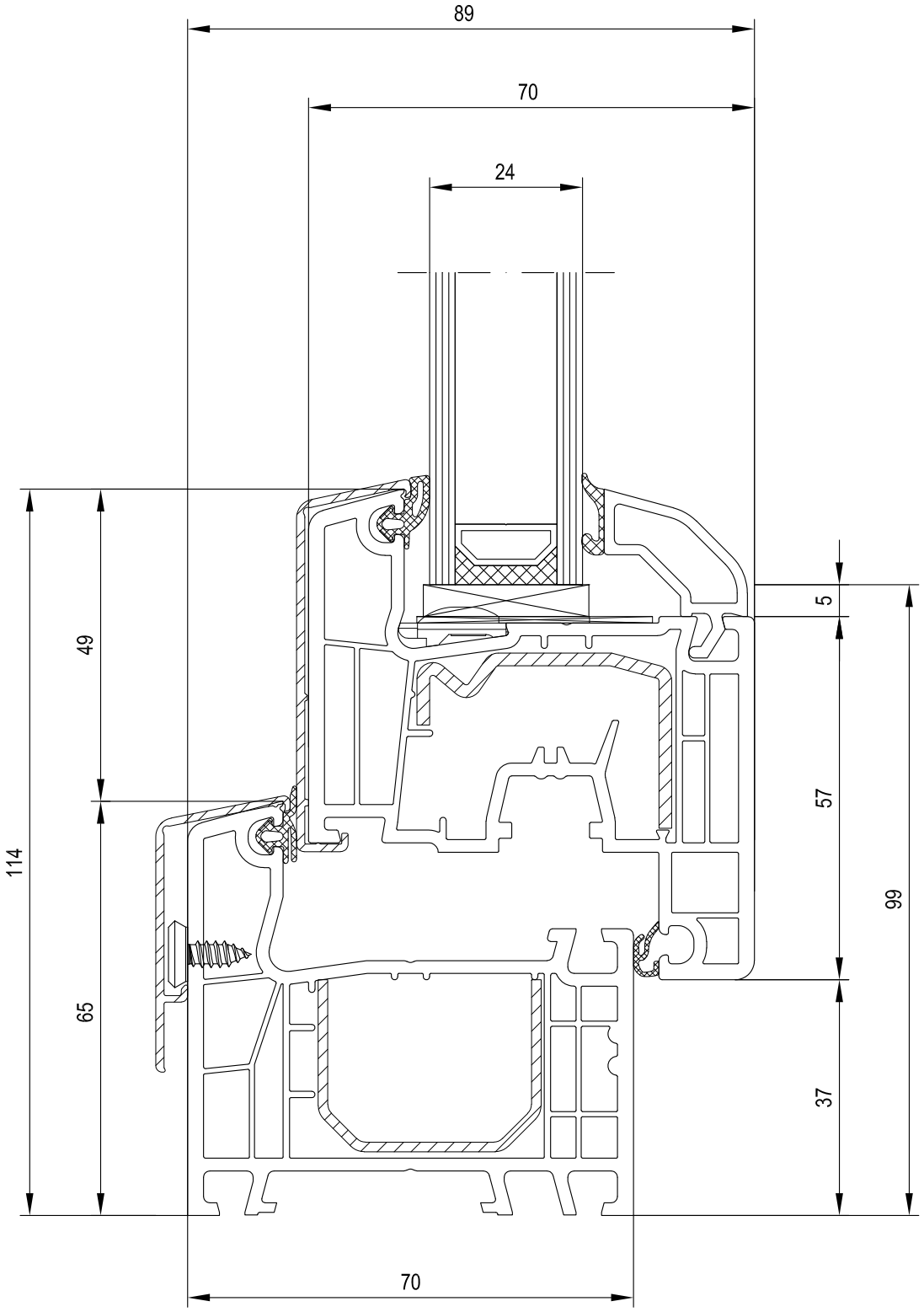
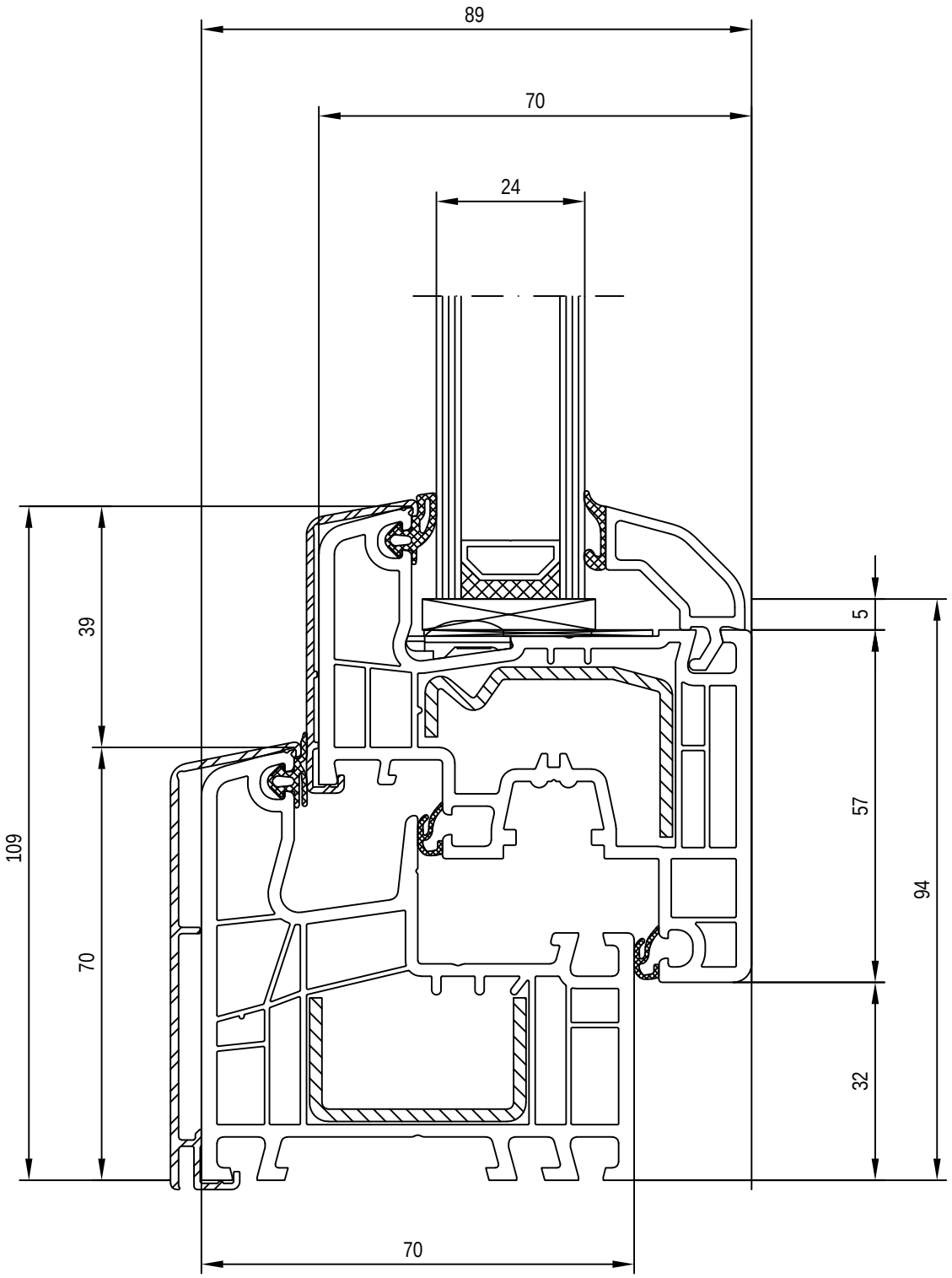


frame profile 70mm: 140x01
sash profile 70mm: 140x20 MF
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000 with aluskin

profile section

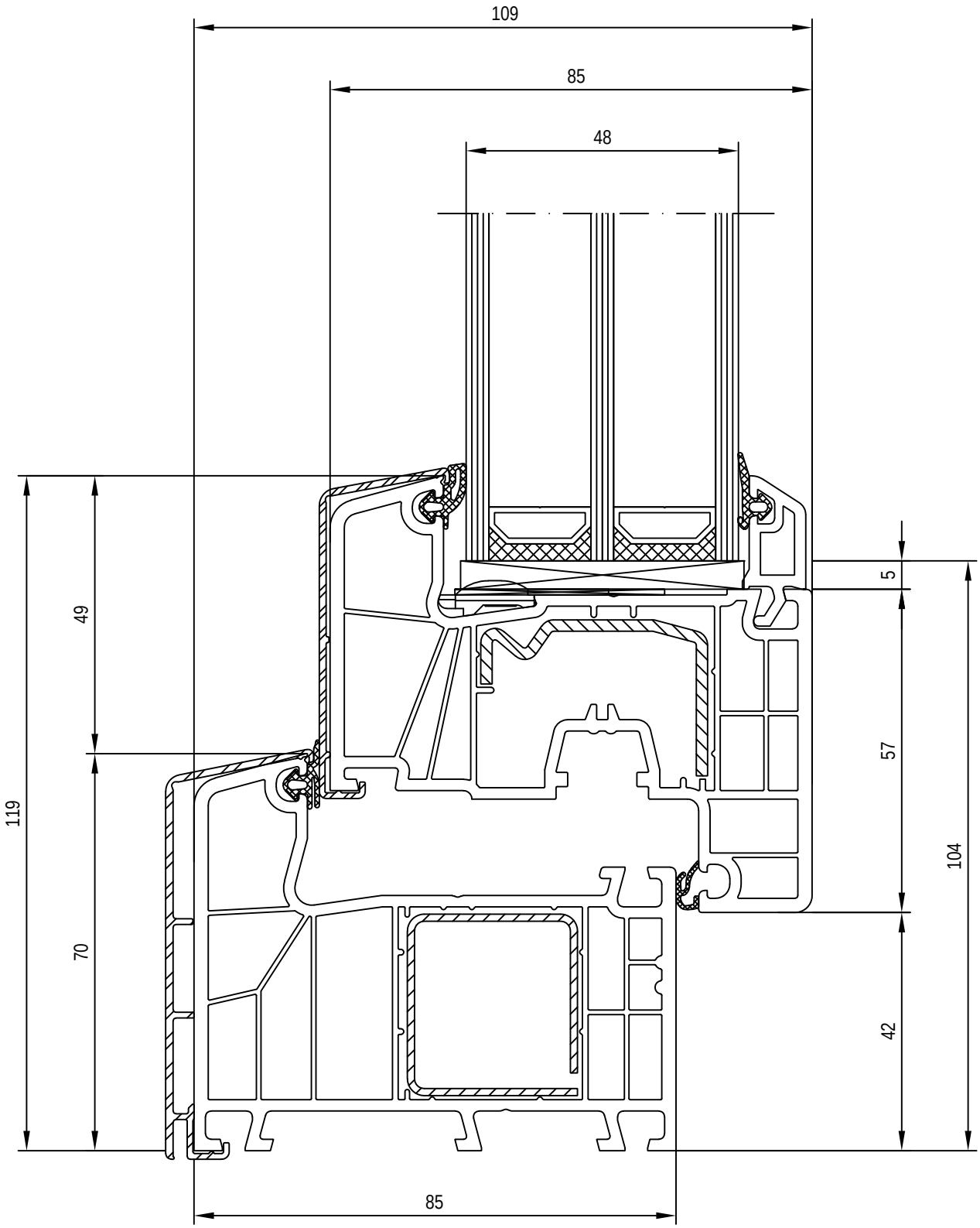


frame profile 70mm: 150x02
sash profile 70mm: 150x20
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 5000 with aluskin

profile section

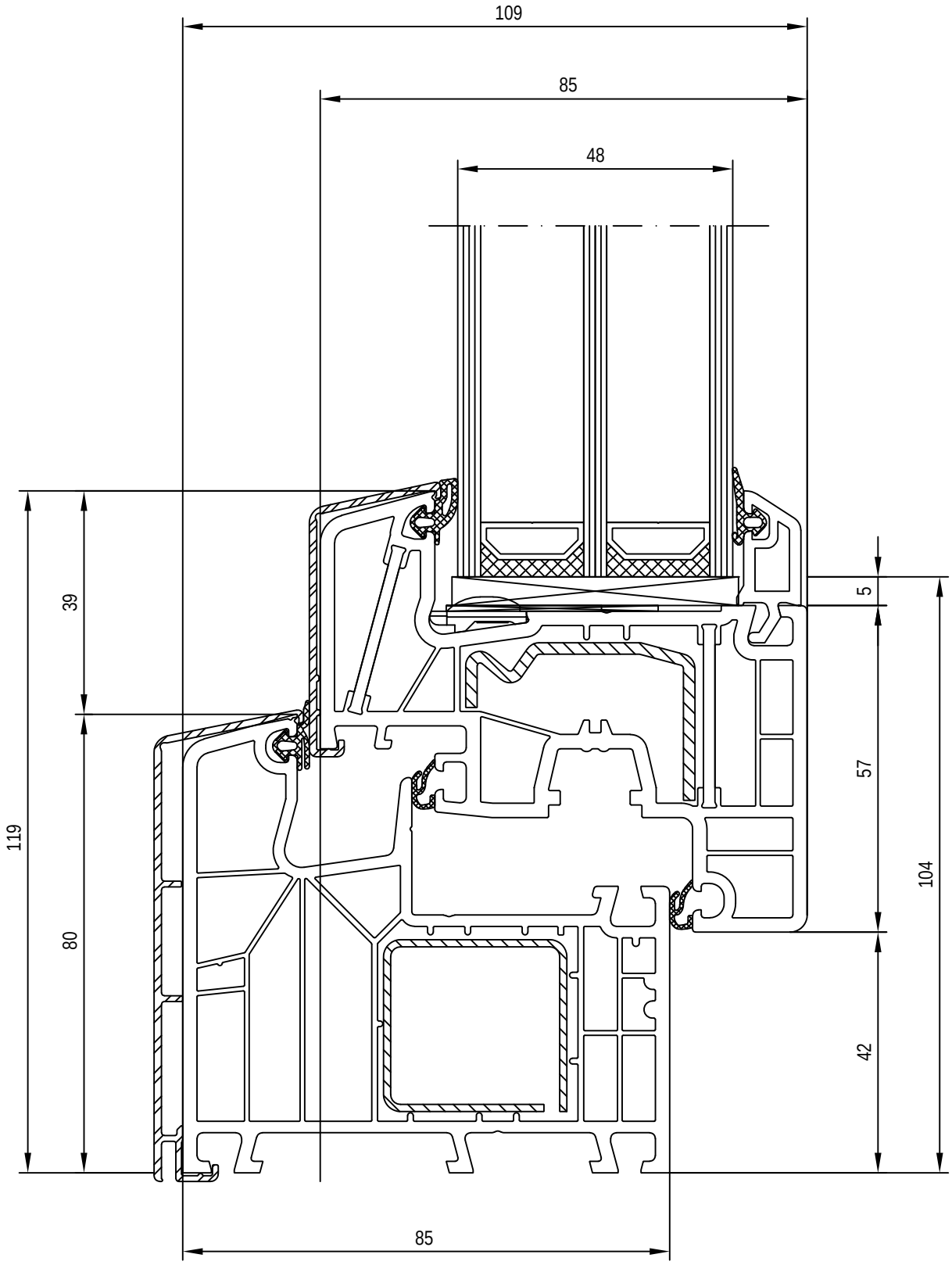


frame profile 85mm: 170x02
sash profile 85mm: 170x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 7000 with aluskin

profile section



frame profile 85mm: 180x05
sash profile 85mm: 080x20
glazing bead: 120632

aluplast
Kunststoff-Fenstersysteme

IDEAL 8000 with aluskin

profile section

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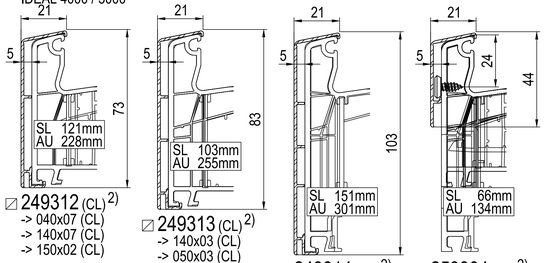
info.de@aluplast.net | www.aluplast.net

NAKŁADKI ALUMINIOWE

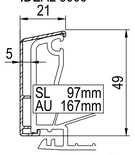
|P| **aluskin** nakładki aluminiowe

ramy IDEAL 4000 / 5000



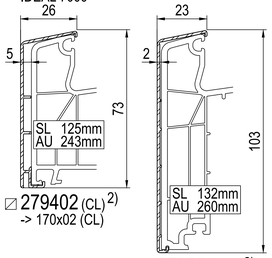
- ◪ 249312 (CL) 2) -> 040x07 (CL) -> 140x07 (CL) -> 150x02 (CL)
- ◪ 249313 (CL) 2) -> 140x03 (CL) -> 050x03 (CL) -> 150x03 (CL)
- ◪ 249314 (CL) 2) -> 140x81 (CL) -> 050x04 (CL)
- ◪ 259304 (CL) 2) + |G| 654930 -> 70mm - ramy (CL)

ramy IDEAL 5000



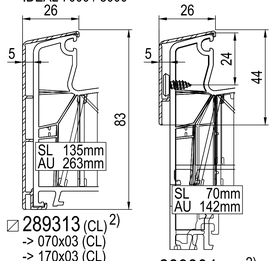
- ◪ 259310 (CL) 2) -> 150x10 (CL)

ramy IDEAL 7000



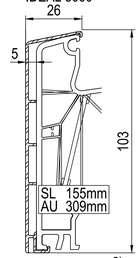
- ◪ 279402 (CL) 2) -> 170x02 (CL)
- ◪ 279381 (CL) 2) -> 170x81 (CL)

ramy IDEAL 7000 / 8000



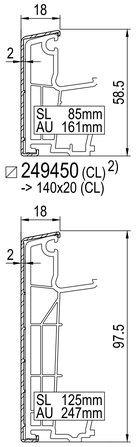
- ◪ 289313 (CL) 2) -> 070x03 (CL) -> 170x03 (CL) -> 080x05 (CL) -> 180x05 (CL)
- ◪ 289304 (CL) 2) + |G| 654930 -> 85mm - ramy (CL)

ramy IDEAL 8000



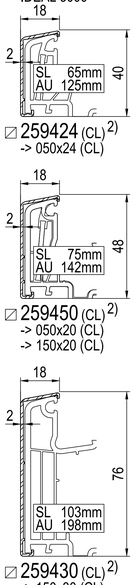
- ◪ 289314 (CL) 2) -> 080x04 (CL) -> 180x04 (CL)

skrzydła IDEAL 4000



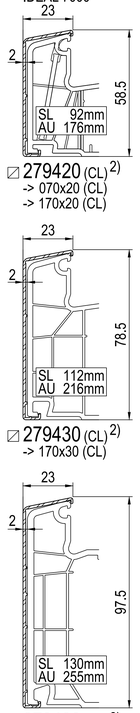
- ◪ 249450 (CL) 2) -> 140x20 (CL)
- ◪ 249433 (CL) 2) = 2494330000098 -> 140x33 (CL)

skrzydła IDEAL 5000



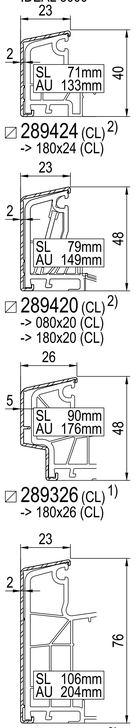
- ◪ 259424 (CL) 2) -> 050x24 (CL)
- ◪ 259450 (CL) 2) -> 050x20 (CL) -> 150x20 (CL)
- ◪ 259430 (CL) 2) -> 150x30 (CL)

skrzydła IDEAL 7000



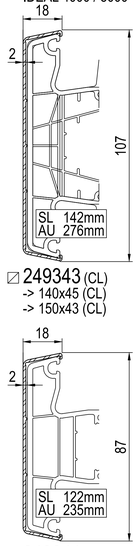
- ◪ 279420 (CL) 2) -> 070x20 (CL) -> 170x20 (CL)
- ◪ 279430 (CL) 2) -> 170x30 (CL)
- ◪ 279433 (CL) 2) -> 170x33 (CL)

skrzydła IDEAL 8000



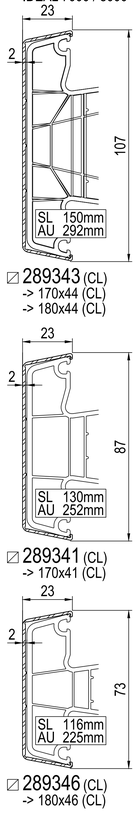
- ◪ 289424 (CL) 2) -> 180x24 (CL)
- ◪ 289420 (CL) 2) -> 080x20 (CL) -> 180x20 (CL)
- ◪ 289326 (CL) 1) -> 180x26 (CL)
- ◪ 289430 (CL) 2) -> 180x30 (CL)

słupki / szczebliny IDEAL 4000 / 5000



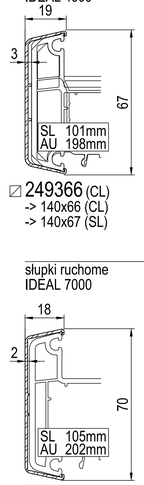
- ◪ 249343 (CL) -> 140x45 (CL) -> 150x43 (CL)
- ◪ 249341 (CL) -> 140x41 (CL) + słupki ruchome -> 150x67 (CL) -> 180x66 (CL)

słupki / szczebliny IDEAL 7000 / 8000



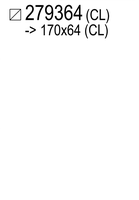
- ◪ 289343 (CL) -> 170x44 (CL) -> 180x44 (CL)
- ◪ 289341 (CL) -> 170x41 (CL)
- ◪ 289346 (CL) -> 180x46 (CL)

słupki ruchome IDEAL 4000



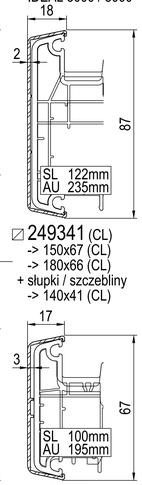
- ◪ 249366 (CL) -> 140x66 (CL) -> 140x67 (SL)

słupki ruchome IDEAL 7000



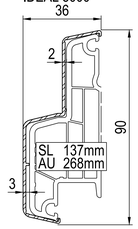
- ◪ 279364 (CL) -> 170x64 (CL)

słupki ruchome IDEAL 5000 / 8000



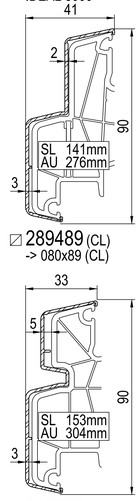
- ◪ 249341 (CL) -> 150x67 (CL) -> 180x66 (CL) + słupki / szczebliny -> 140x41 (CL)
- ◪ 259365 (CL) -> 150x65 (CL) -> 180x64 (CL)

skrzydła przymykowe IDEAL 5000



- ◪ 259368 (CL) -> 150x68 (CL)

skrzydła przymykowe IDEAL 8000

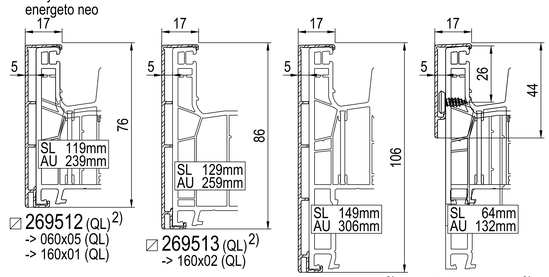


- ◪ 289489 (CL) -> 080x89 (CL)
- ◪ 289369 (CL) -> 180x69 (CL)

IDEAL 4000 - 8000 (CL) Classic-line

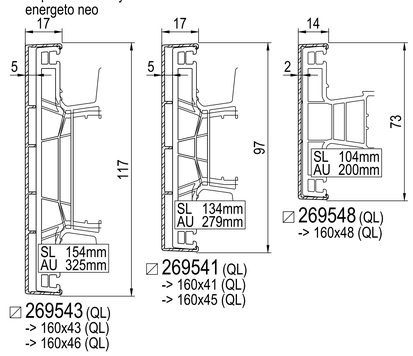
|P| **aluskin** nakładki aluminiowe

ramy energeto neo



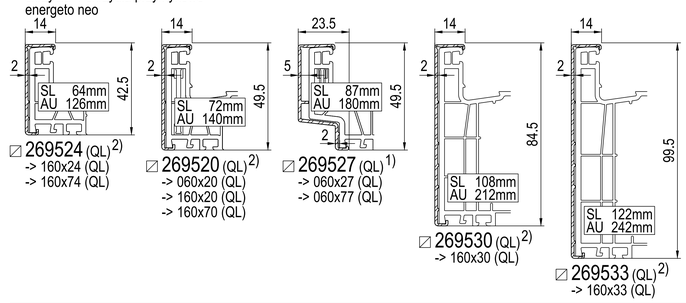
- ◪ 269512 (QL) 2) -> 060x05 (QL) -> 160x01 (QL)
- ◪ 269513 (QL) 2) -> 160x02 (QL)
- ◪ 269514 (QL) 2) -> 060x08 (QL)
- ◪ 269504 (QL) 2) + |G| 654930 -> 76mm - ramy (QL)

słupki / szczebliny energeto neo



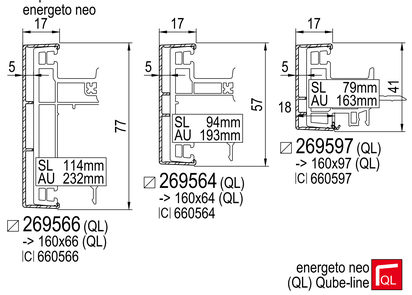
- ◪ 269543 (QL) -> 160x43 (QL) -> 160x46 (QL)
- ◪ 269541 (QL) -> 160x41 (QL) -> 160x45 (QL)
- ◪ 269548 (QL) -> 160x48 (QL)

skrzydła / skrzydła przymykowe energeto neo



- ◪ 269524 (QL) 2) -> 160x24 (QL) -> 160x74 (QL)
- ◪ 269520 (QL) 2) -> 060x20 (QL) -> 160x20 (QL) -> 160x70 (QL)
- ◪ 269527 (QL) 1) -> 060x27 (QL) -> 060x77 (QL)
- ◪ 269530 (QL) 2) -> 160x30 (QL)
- ◪ 269533 (QL) 2) -> 160x33 (QL)

słupki ruchome energeto neo

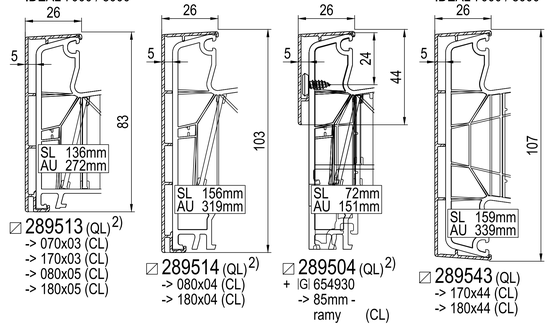


- ◪ 269566 (QL) -> 160x66 (QL) |C| 660566
- ◪ 269564 (QL) -> 160x64 (QL) |C| 660564
- ◪ 269597 (QL) -> 160x97 (QL) |C| 660597

energeto neo (QL) Qube-line

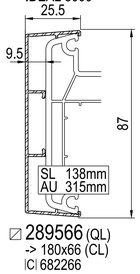
|P| **aluskin** nakładki aluminiowe

ramy IDEAL 7000 / 8000



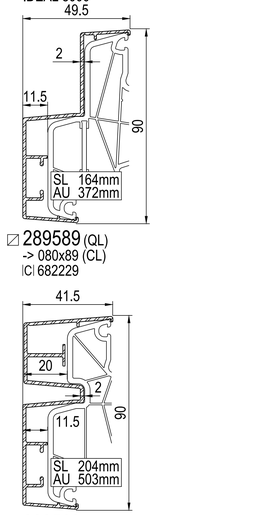
- ◪ 289513 (QL) 2) -> 070x03 (CL) -> 170x03 (CL) -> 080x05 (CL) -> 180x05 (CL)
- ◪ 289514 (QL) 2) -> 080x04 (CL) -> 180x04 (CL)
- ◪ 289504 (QL) 2) + |G| 654930 -> 85mm - ramy (CL)

słupki / szczebliny IDEAL 7000 / 8000



- ◪ 289543 (QL) -> 170x44 (CL) -> 180x44 (CL)

słupki ruchome IDEAL 8000

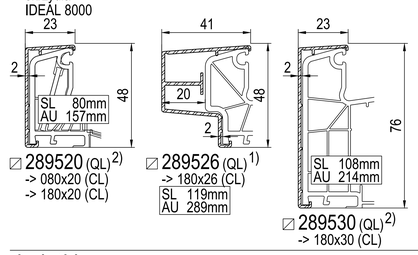


- ◪ 289566 (QL) -> 180x66 (CL) |C| 682266
- ◪ 289564 (QL) -> 180x64 (CL) |C| 682264

skrzydła przymykowe IDEAL 8000

- ◪ 289589 (QL) -> 080x89 (CL) |C| 682229
- ◪ 289569 (QL) -> 180x69 (CL) |C| 682229

skrzydła IDEAL 8000

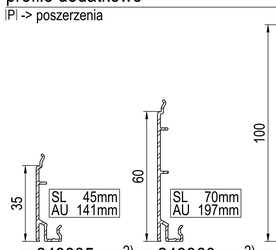


- ◪ 289520 (QL) 2) -> 080x20 (CL) -> 180x20 (CL)
- ◪ 289526 (QL) 1) -> 180x26 (CL) SL 119mm AU 289mm
- ◪ 289530 (QL) 2) -> 180x30 (CL)

IDEAL 7000 / 8000 (QL) Qube-line

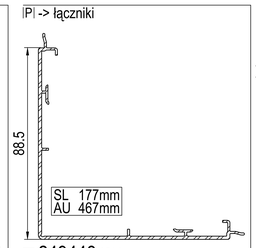
profile dodatkowe

|P| -> poszerzenia



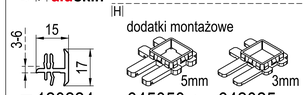
- ◪ 249335 (CL) 2) -> 120242, 140205, 160202, 180201
- ◪ 249360 (CL) 2) -> 120221, 140207, 180203
- ◪ 249310 (CL) 2) -> 140208, 160204, 180204

|P| -> łączniki



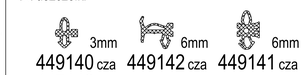
- ◪ 249448 (CL) -> 160248

łączniki -> |P| **aluskin**



- ■ 120224 |H| 642025, 645050
- |H| dodatki montażowe: 645050 zie -> 120224; 642025 cza -> 120224 |X| 447140, 449140

|X| uszczelki



- 449140 cza, 447140 pbi |H| 642025
- 449142 cza, - pbi |X| 449141
- 449141 cza, - pbi |X| 449142

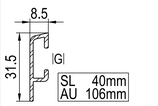
|R| prowadnice rolet alu. + dodatki

patrz plan profile dodatkowe: 260406, 260407 4/4

|S| profile aluminiowe + dodatki

patrz plan profile dodatkowe: 270044, 270045, 279044, 279045, 289210, 289211 2/4

|T| okapniki aluminiowe



- ◪ 259082 (CL) |G| 659923

|G| śruby zatrzaskowe / klipsy

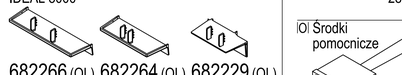
659923 -> aluminium |T| 259082

dodatki

|C| zaślepki energeto neo

- 660566 (QL) -> 160x66 + |P| |P| 269566 (QL) |C| 660466
- 660564 (QL) -> 160x64 + |P| |P| 269564 (QL) |C| 660464
- 660597 (QL) -> 160x97 + |P| |P| 269597 (QL)

IDEAL 8000

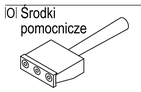


- 682266 (QL) -> 180x66 + |P| |P| 289566 (QL)
- 682264 (QL) -> 180x64 + |P| |P| 289564 (QL)
- 682229 (QL) -> 080x89 + |P| |P| 289589 (QL) -> 180x69 + |P| |P| 289569 (QL)

|G| śruby zatrzaskowe / klipsy

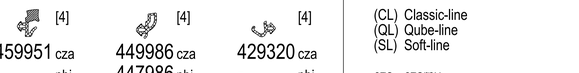
654930 -> aluminium -> |P| ... z.B. 259304, 269504, 289304, 289504

|O| Środki pomocnicze



640951 -> |P| **aluskin**

|X| uszczelki — ściśnięta [mm]



- oszklenie: 459951 cza, - pbi [4]
- oszklenie: 449986 cza, 447986 pbi [4]
- zewnętrzna: 429320 cza, - pbi [4]
- zewnętrzna oszklenie: 449337 cza, - pbi [2] -> ramy -> słupki
- zewnętrzna oszklenie: 449347 cza, 447347 pbi [2] TPE -> ramy -> słupki
- zewnętrzna oszklenie: xxx3xx cza, + 0009830 [2] + PVC-P = ramy = słupki

◪ nie występuje w kolorze / okleinie
■ występuje w kolorze / okleinie

-> do

(CL) Classic-line
(QL) Qube-line
(SL) Soft-line

cza czarny
pbi papirusowa biel
zie zielony

1)
2) lub

SL długość widoczna
AU obwód zewnętrzny

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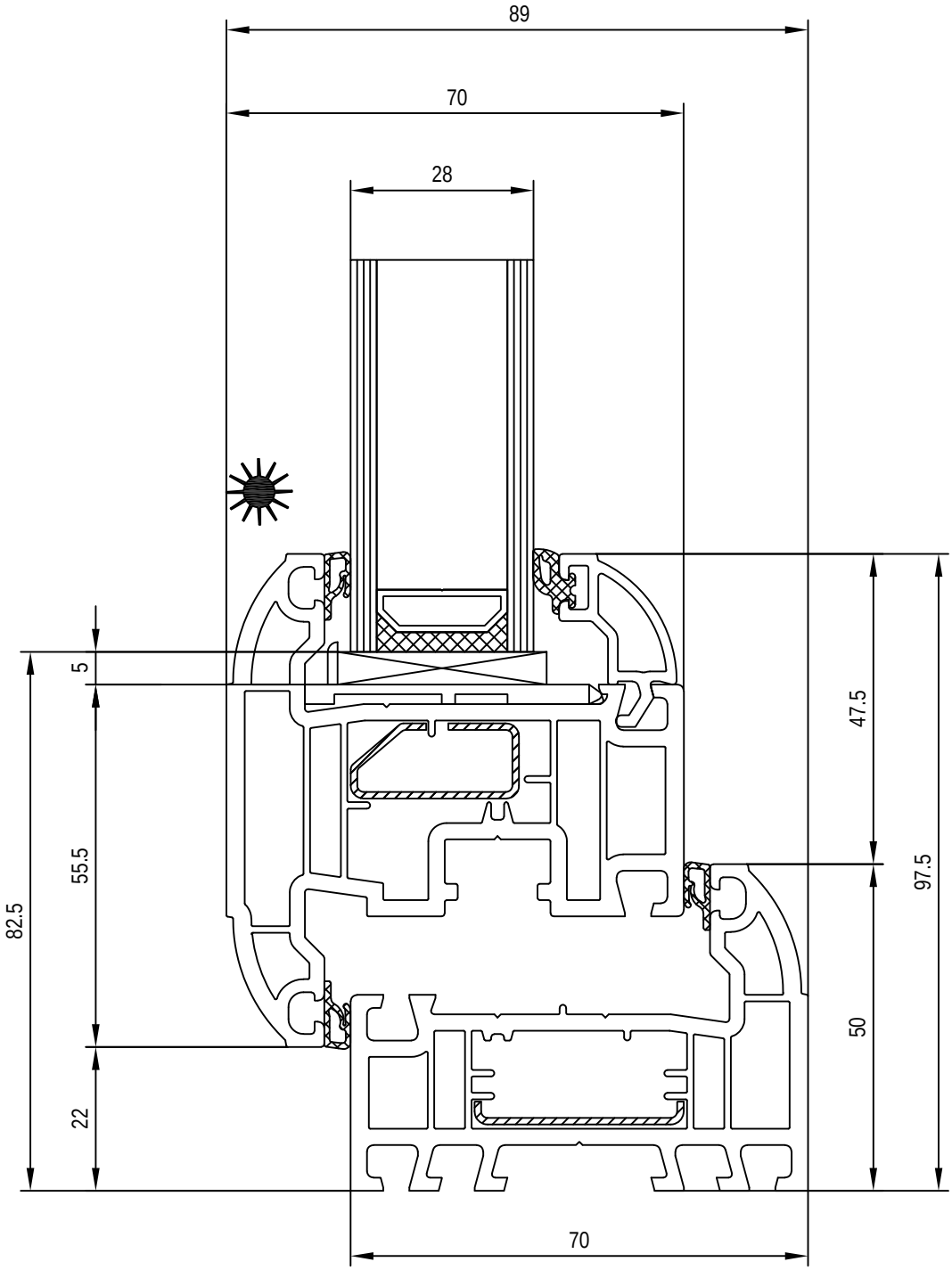
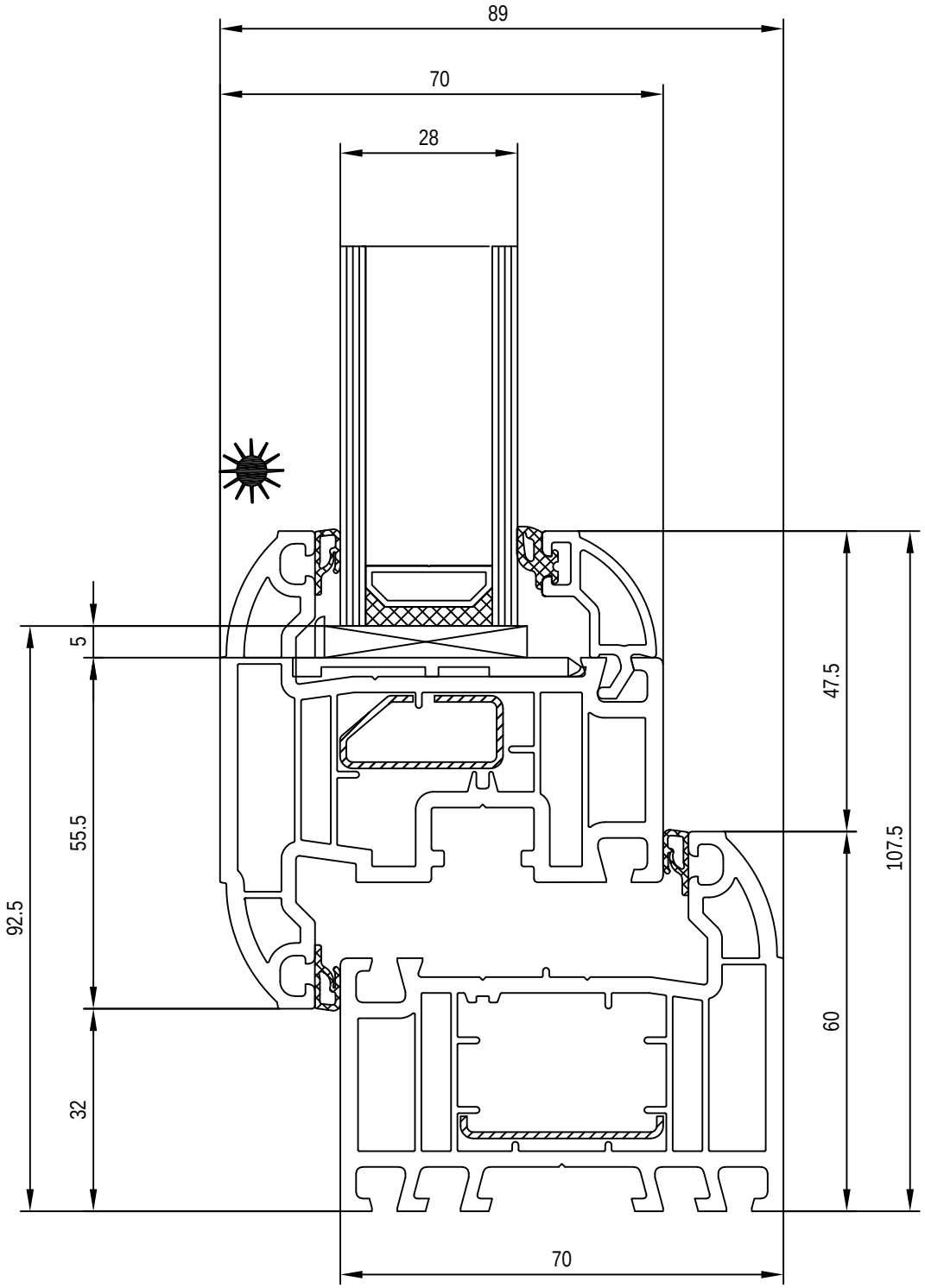


frame profile 70mm: 100x02
sash profile 70mm: 100x05
glazing bead: 100819

aluplast
Kunststoff-Fenstersysteme

IDEAL 70

profile section



frame profile 70mm: 100x03
sash profile 70mm: 100x05
glazing bead: 100819

aluplast
Kunststoff-Fenstersysteme

IDEAL 70

profile section

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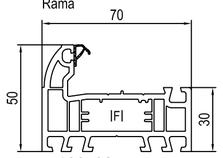
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

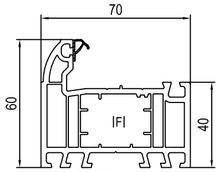
IDEAL 70

Profile główne

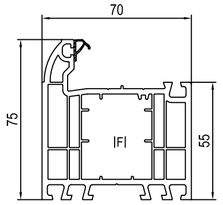
Rama



⧄ 100x02
|A| 602013
|F| 209001, 229106
|U| 20x101

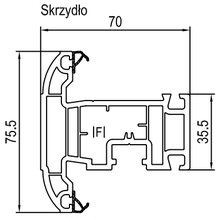


⧄ 100x03
|A| 602013
|F| 209001, 229117, 229119
|U| 20x101

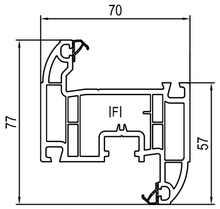


⧄ 100x04
|A| 602013
|F| 209001, 209002, 209009, 259906
|U| 20x101

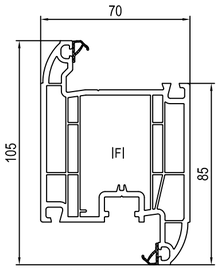
Skrzydło



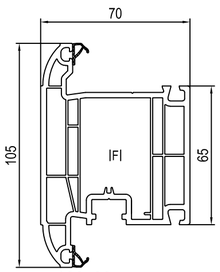
⧄ 100x05
|A| 602013
|F| 209005



⧄ 100x07
|A| 602013
|F| 209006

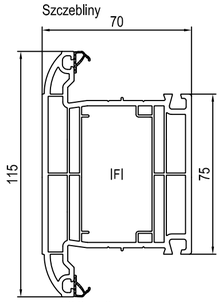


⧄ 100x08
|A| 602013
|F| 209004

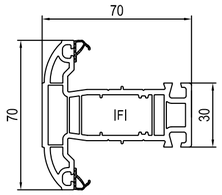


⧄ 100x09
|A| 602013
|F| 209004

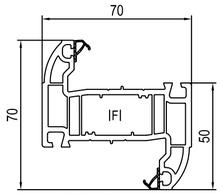
Szczebliny



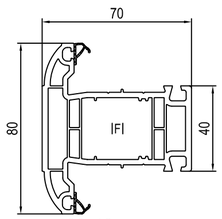
⧄ 100x10
|A| 602013
|F| 209004, 209016



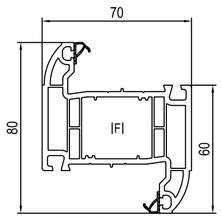
⧄ 100x11
|A| 602013
|F| 209002, 209009, 209014



⧄ 100x12
|A| 602013
|F| 209002, 209009

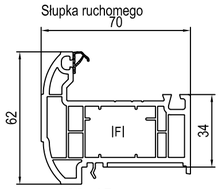


⧄ 100x13
|A| 602013
|F| 209003, 209010, 209015



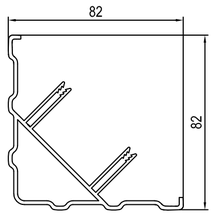
⧄ 100x14
|A| 602013
|F| 209003, 209010

Słupka ruchomego

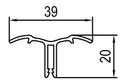


⧄ 100x15
|F| 209001, 209002, 209009, 229117, 229119

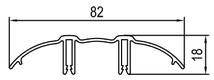
Profile dodatkowe



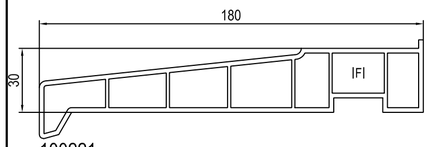
100223
->209043



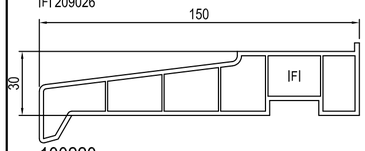
100270
->209044
->209041



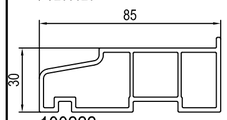
100271
->209041



100221
|F| 209026



100220
|F| 209026

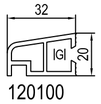


100222

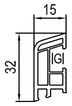
Abdeckleiste

10x103
->20x101

Wetterschenkel

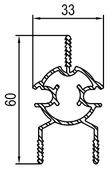


120100

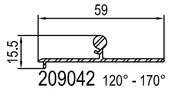


140107

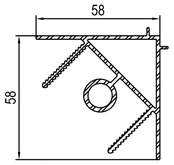
Profile alu.



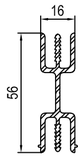
209041 120° - 170°
Ix/Iy = 2.1(6.3)/0.9(2.8) cm4
->100270
->100271



209042 120° - 170°
Ix/Iy = 0.8(2.6)/0.06(0.2)
->209041

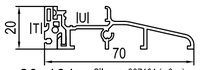


209043
Ix/Iy = 4.1(12.5)/4.1(12.5) cm4
->100223



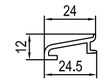
209044
Ix/Iy = 0.2(0.8)/2.9(8.7) cm4
->100270

Progi aluminiowe



20x101
|C| 60x101
|T| 20x102
|U| 10x103

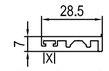
Silver -> 207101 (x 3 m)
Gold -> 202101 (x 3 m)
Black -> 203101 (x 3 m)



|T| 20x102
-> 20x101
|C| 60x101

Silver -> 207102 (x 3 m)
Gold -> 202102 (x 3 m)
Black -> 203102 (x 3 m)

Aluminium okapnik



|T| 20x104
-> 100x08
-> 100x09
|X| 409104

White -> 200104 (x 3 m)
Black -> 203104 (x 3 m)
Silver -> 207104 (x 3 m)
Brown -> 201104 (x 3 m)
Caramel -> 205104 (x 3 m)

Dodatki

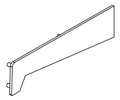
|C| 60x101
-> 20x101

|C| 600015
-> 100x15

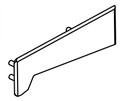
|C| 60x102
-> 20x102

|C| 640107
-> 140107

|C| 650914
-> 120100



|C| 600020
alt. code 600221
->100221



|C| 600019
alt. code 600220
->100221

|C| 600021
alt code 600222
->100222

Śruba zatrzaskowa / Klipsy

|G| 659918
-> 120100

|G| 652923
-> 140107

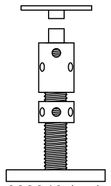
Podkładka do szklenia

|A| 602013

600010

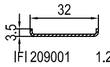
620441

600011

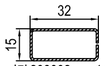


609040 (set)
->209043
->209041

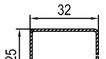
Wzmocnienie



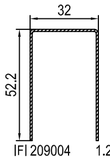
|F| 209001 1.2mm



|F| 209002 1.5mm

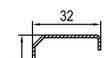


|F| 209003 1.5mm

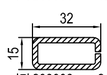


|F| 209004 1.2mm

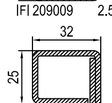
|F| 209005 1.5mm



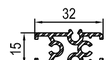
|F| 209006 1.2mm



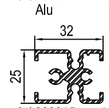
|F| 209009 2.5mm



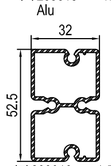
|F| 209010 2.5mm



|F| 209014 1.5mm
Alu



|F| 209015 1.5mm
Alu



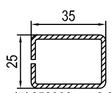
|F| 209016 1.5mm
Alu

|F| 209026 3.0mm
Alu

|F| 229106 2.0mm

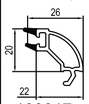
|F| 229117 2.0mm

|F| 229119 1.5mm

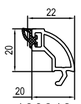


|F| 259906 2.0mm

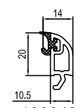
Listwa przyszybowa



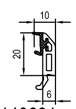
100817
100847
-> 24



100819
100849
-> 28



120849
120879
-> 36



140631
140661
-> 40

Uszczelki

|X| 409104
->20x104

|X| 449980
|X| 447980

|X| 449340
|X| 447340

|X| 449343
|X| 447343

⧄ bez okleina
|A| Podkładka do szklenia
|C| Zaślepki
|F| Wzmocnienie
|U| Progi aluminiowe
|X| Uszczelki
|G| Śruba zatrzaskowa / Klipsy
|T| Aluminium okapnik

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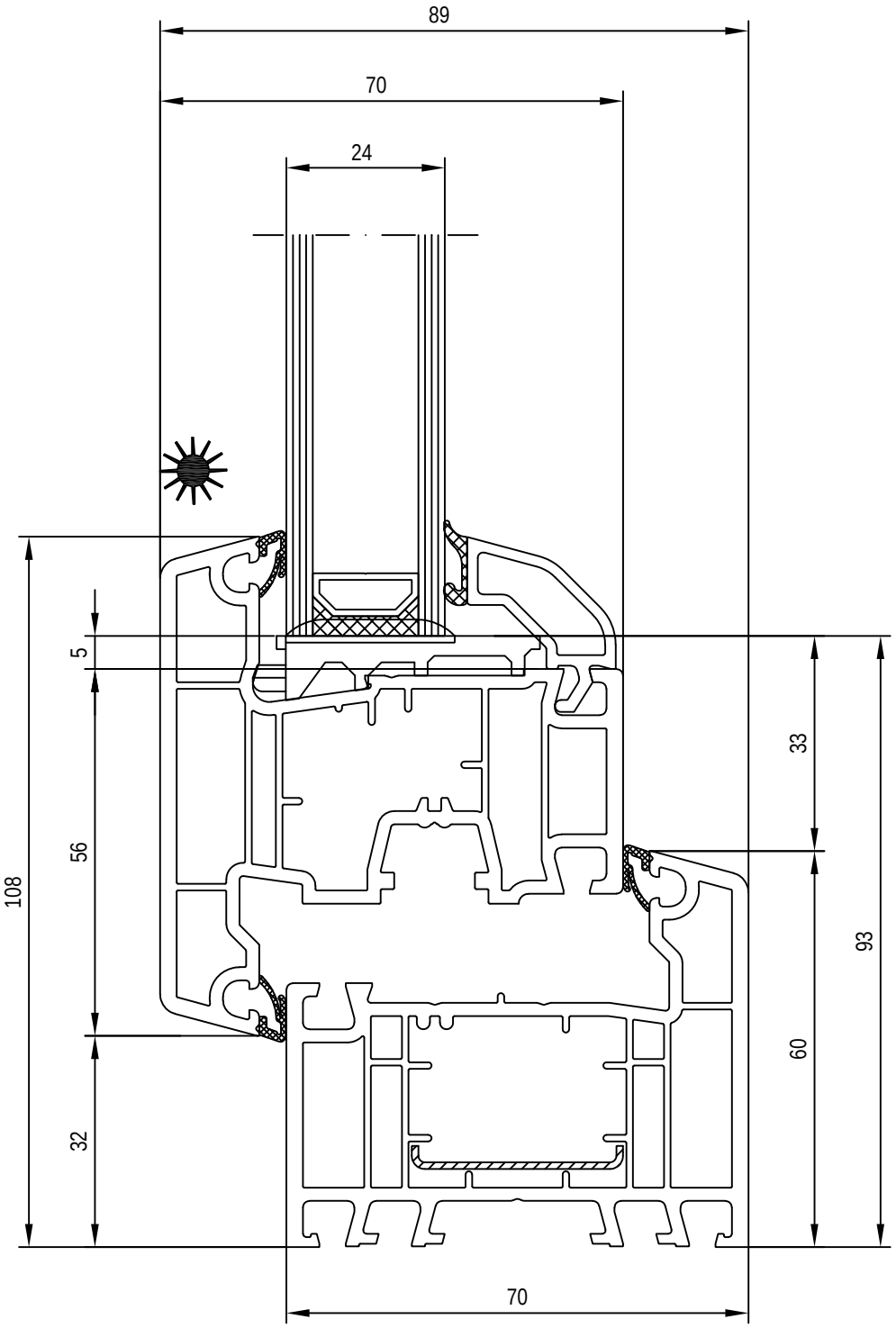


frame profile 70mm: 100x53a
sash profile 70mm: 100x55a
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000 casement - opening outwards

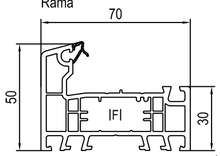
profile section

aluplast GmbH | Systemy okien tworzywowych
Auf der Breit 2 | DE - 76227 Karlsruhe
fon: +49 721 47171-0 | fax: -999
info.de@aluplast.net | www.aluplast.net

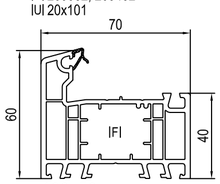
IDEAL 4000® casement

Profile główne

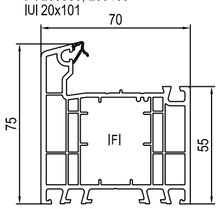
Rama



■ 100x52 (CL)
|A| 602013
|F| 209001, 229106
|P| 209352, 209452
|U| 20x101

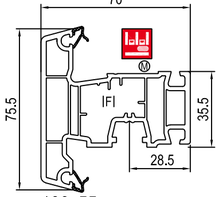


■ 100x53 (CL)
|A| 602013
|F| 209001, 229117, 229119
|P| 209353, 209453
|U| 20x101

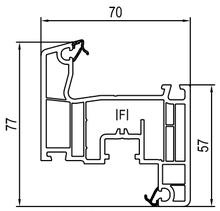


■ 100x54 (CL)
|A| 602013
|D| 605105 ->20x101
|F| 209001, 209002, 209009, 259906
|P| 209354, 209454
|U| 20x101

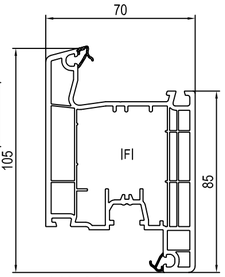
Skrzydło



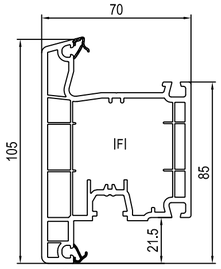
Ⓜ ■ 100x55 (CL)
Ⓜ|A| 650250, 650252, 650251
lub Ⓜ|J|
|F| 209005
Ⓜ|J| 642261, 642262, 642263
|P| 209355



■ 140x20 (CL) ->140x76
|A| 640301, 640311, 640320
|F| 229023, 229024, 229025, 229026, 229027, 229028, 249026
|P| 249450

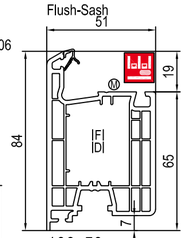


■ 140x30 (CL) ->140x77
|A| 640301, 640311, 640320
|F| 229114, 229115, 249031
|P| 249460

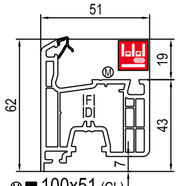


■ 140x31 (CL)
|A| 640301, 640311, 640320
|F| 229114, 229115, 249013, 249031
|P| 249331

Flush-Sash

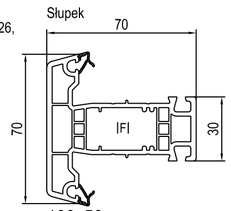


Ⓜ ■ 100x50 (CL)
Ⓜ|A| 650250 lub Ⓜ|J|
|F| 229029/030
Ⓜ|J| 642261, 642262
|C| 600051
|Ø| 600150
|X| 409051
|P| 209350



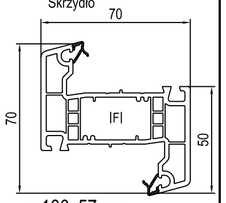
Ⓜ ■ 100x51 (CL)
Ⓜ|A| 650250 lub Ⓜ|J|
|F| 209051
Ⓜ|J| 642261, 642262
|C| 600051
|Ø| 600151
|X| 409051
|P| 209351

Słupek

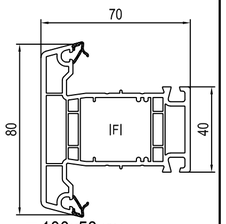


■ 100x56 (CL)
|A| 602013
|F| 209002, 209009, 209014
|P| 249346, 209452
|U| 20x101

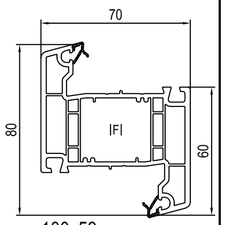
Skrzydło



■ 100x57 (CL)
|A| 602013
|F| 209002, 209009

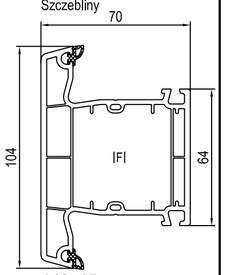


■ 100x58 (CL)
|A| 602013
|F| 209003, 209010, 209015
|P| 209358, 209453
|U| 20x101



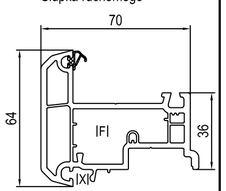
■ 100x59 (CL)
|A| 602013
|F| 209003, 209010

Szczebliny



■ 140x45 (CL)
|A| 640301, 640311, 640320
Ⓜ|Ø| 647245 ~Ⓜ ...
|D| 677133 |Ø| 647136, 677103 ~140x4x ...
|Ø| 640046 ~ uniwersalny
|F| 249034, 249035
|P| 249343

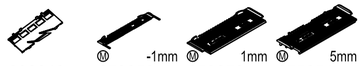
Słupka ruchomego



◪ 140x67 (SL)
|C| 640067
|F| 259094
|P| 249366
|X| 447340, 449340

Dodatki

|A| Podkładka do szklenia



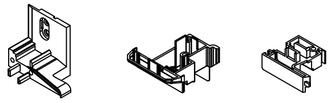
602013
-> Rama
-> Skrzydło
-> Szczebliny

Ⓜ -1mm: 650250 cze
-> 100x50
-> 100x51
-> 100x55

650252 cze
-> 100x50
-> 100x51
-> 100x55

Ⓜ 1mm: 655251 zie
-> 100x55

|C| Zaślepki



605105
|U| 20x101

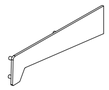
640067
-> 140x67

600051
-> 100x50, 100x51

60x102
|S| 20x102

640107
-> 140107

650914
-> 120100



650902
-> 120108

600220
-> 100220

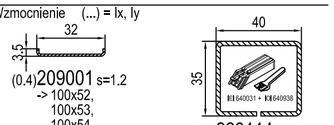
600222
-> 100222

|Ø| Łącznik bez kołnierzy

|Ø| 600151 P
~28.2x12.8x1000 mm
-> 100x51
+ |F| 209051

|Ø| 600150 P
~35x27x1000 mm
-> 100x50
+ |F| 229029, 229030

|F| Wzmocnienie (...) = Ix, Iy



(0.4)209001 s=1.2
-> 100x52, 100x53, 100x54

(4.0/5.0)229114 s=1.5
-> 140x30, 140x31

(0.3/1.1)209002 s=1.5
-> 100x54, 100x56, 100x57

(6.4/5.0)229115 s=2.0
-> 140x30, 140x31

(1.6)209003 s=1.5
-> 100x58, 100x59

(0.9/1.3)229117 s=2.0
-> 100x53

(0.7/0.2)209005 s=1.5
-> 100x55

(0.7/1.0)229119 s=1.5
-> 100x53

(2.2)209009 s=2.5
-> 100x54, 100x56, 100x57

(7.9/7.1)249013 s=2.0
-> 140x31

(4.0)209010 s=2.5
-> 100x58, 100x59

(5.1/2.1)249026 s=3.0
-> 140x20

|F| Wzmocnienie (...) = Ix, Iy

(0.4)209014 s=1.5
-> 100x56
Alu

(6.9/5.5)249031 s=2.0
-> 140x30, 140x31

(0.5)209015 s=1.5
-> 100x58
Alu

(6.1/5.2)249034 s=1.25
-> 140x45

(1.2/0.7)209026 s=3.0
-> 100220, 100221, 100222

(9.2/7.8)249035 s=2.0
-> 140x45

(2.3/0.9)229023 s=1.5
-> 140x20

(3.4/2.1)259906 s=2.0
-> 100x54

(1.6/0.6)229025 s=1.0
-> 140x20

(3.1/0.4)259094 s=2.0
-> 140x67

(3.0/1.1)229024 s=1.5
-> 140x20

(0.4/0.34)209051 s=1.0
-> 100x51

(3.8/1.5)229026 s=2.0
-> 140x20

(1.7/0.6)229027 s=1.5

(2.5/1.7)229029 s=1.25

(2.1/0.8)229028 s=2.0
-> 140x20

(3.7/2.5)229030 s=2
-> 100x50

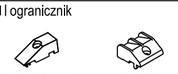
|G| Śruba zatrzaskowa / Klipsy

659918
-> 120100

652923
-> 140107

654930
->|P| aluskin
Nakładki aluminiowe

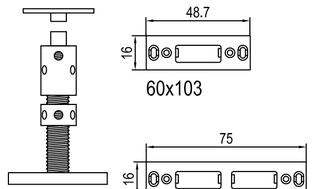
|I| ogranicznik



600010

620441

600011



609040 (set)
->209043
->209041

60x103

60x104

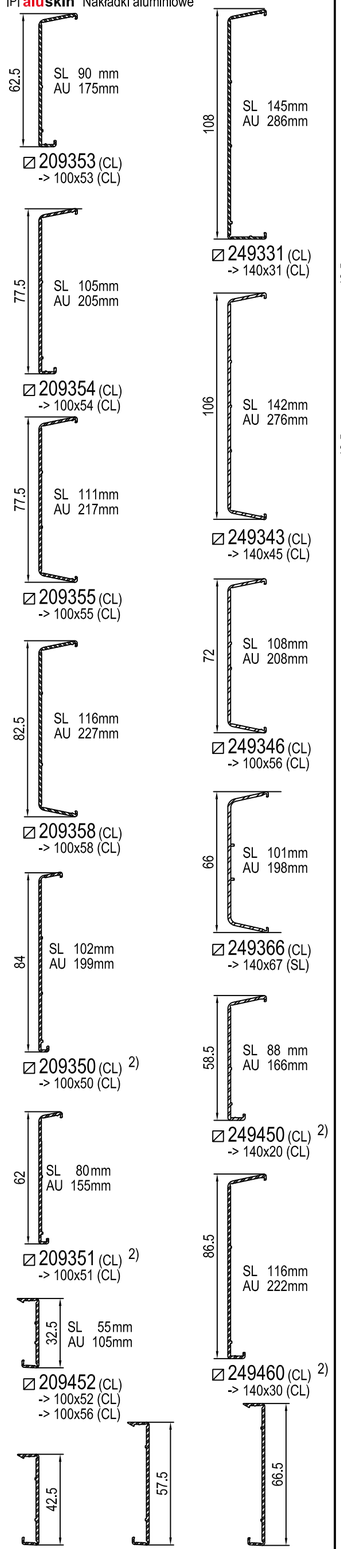
|J| Wklejanymi szybami

642262 cza
-> 100x50
100x51
100x55

642261 cza
-> 100x50
100x51
100x55

642263 cza
-> 100x55

|P| aluskin Nakładki aluminiowe



◪ 209353 (CL)
-> 100x53 (CL)

◪ 209354 (CL)
-> 100x54 (CL)

◪ 209355 (CL)
-> 100x55 (CL)

◪ 209358 (CL)
-> 100x58 (CL)

◪ 209350 (CL) 2)
-> 100x50 (CL)

◪ 209351 (CL) 2)
-> 100x51 (CL)

◪ 209452 (CL)
-> 100x52 (CL)
-> 100x56 (CL)

◪ 209453 (CL)
-> 100x53 (CL)
-> 100x58 (CL)
SL 65mm
AU 125mm

◪ 209454 (CL)
-> 100x54 (CL)
SL 80mm
AU 155mm

◪ 249443 (CL)
-> 140x45 (CL)
SL 89mm
AU 173mm

◪ 249331 (CL)
-> 140x31 (CL)

◪ 249343 (CL)
-> 140x45 (CL)

◪ 249346 (CL)
-> 100x56 (CL)

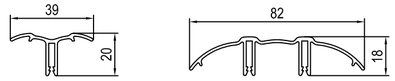
◪ 249366 (CL)
-> 140x67 (SL)

◪ 249450 (CL) 2)
-> 140x20 (CL)

◪ 249460 (CL) 2)
-> 140x30 (CL)

Profile dodatkowe

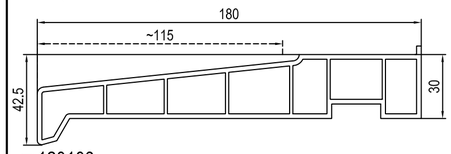
Łączniki



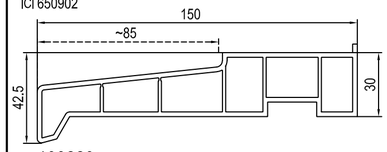
100270
->209044
->209041

100271
->209041

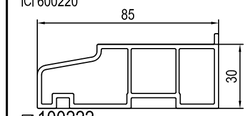
Zewnętrzne parapety okienne



◪ 120108
|C| 650902



◪ 100220
|C| 600220

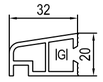


◪ 100222

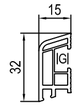
Abdeckleiste

10x103
|U| 20x101

Wetterschenkel

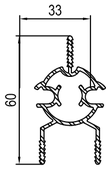


120100
|G| 659918

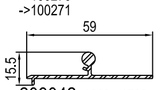


140107
|G| 652923

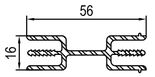
|S| Profile alu.



209041 120° - 170°
Ix/Iy = 2.1(6.3)/0.9(2.8) cm4
->100270
->100271

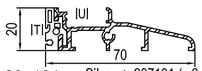


209042 120° - 170°
Ix/Iy = 0.8(2.6)/0.06(0.2)
->209041



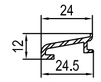
209044
Ix/Iy = 0.2(0.8)/2.9(8.7) cm4
->100270

|U| Progi aluminiowe



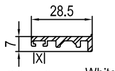
20x101
Silver -> 207101 (x 3 m)
Gold -> 202101 (x 3 m)
Black -> 203101 (x 3 m)
|D| 605105 ->100x54
|T| 20x102
|U| 10x103

|S|



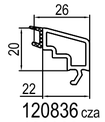
20x102
-> 20x101
Silver -> 207102 (x 3 m)
Gold -> 202102 (x 3 m)
Black -> 203102 (x 3 m)

|T| Aluminium okapnik

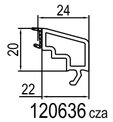


20x104
-> 100x08
-> 100x09
|X| 409104
White -> 200104 (x 3 m)
Black -> 203104 (x 3 m)
Silver -> 207104 (x 3 m)
Brown -> 201104 (x 3 m)
Caramel -> 205104 (x 3 m)

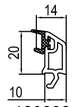
Listwa przyszybowa



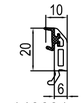
120836 cza
120866 pbi
Szkła
-> 24 mm



120636 cza
120666 pbi
Szkła
-> 28mm



120832 cza
120862 pbi
Szkła
-> 36mm



140631 cza
140661 pbi
Szkła
-> 40mm

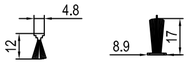
|X| Uszczelki

|X| 459951 cza lub |X| 449986 cza
-> Szkła -> Szkła

|X| 429320 cza lub |X| 449346 cza
-> Zewnętrznym -> Zewnętrznym

|X| 409051 cza
-> 100x50, 100x51

|Y| Uszczelka szczotkowa



|Y| 409104
|T| 20x104

|Y| 409050
-> Frame

Ⓜ Wklejanymi szybami

1)

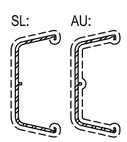
2) lub

◪ bez okleina
■ ozdobnik

SL długość widoczna
AU obwód zewnętrzny

-> do
cza czarny
pbi papierowa biel

(CL) Classic-line
(SL) Soft-line



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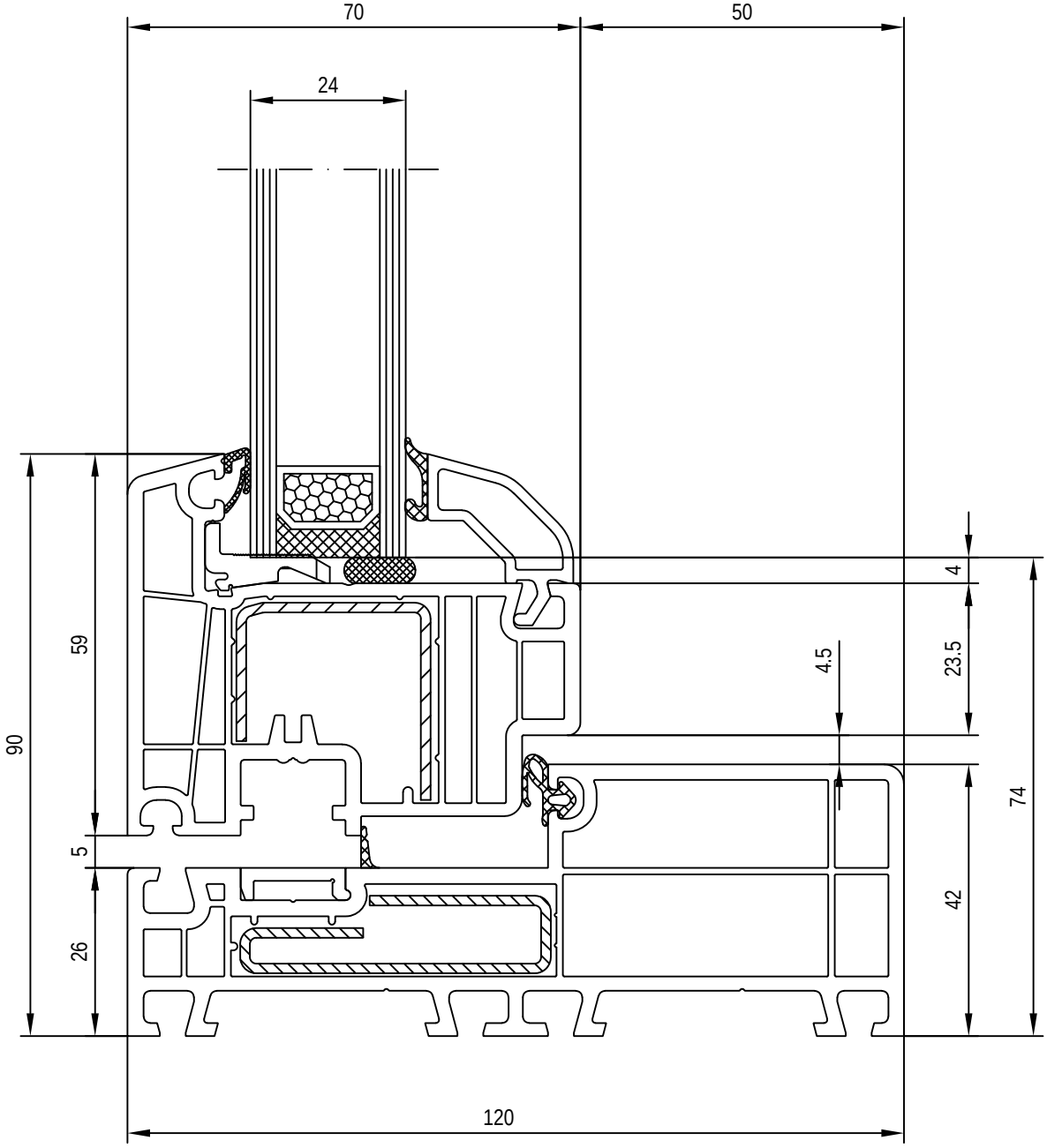

frame profile 120mm: 140x90
sash profile 70mm: 140x94
glazing bead: 120846

aluplast
Kunststoff-Fenstersysteme

IDEAL 4000 NORD-LINE

profile section

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fon: +49 721 47171-0 | fax: -999
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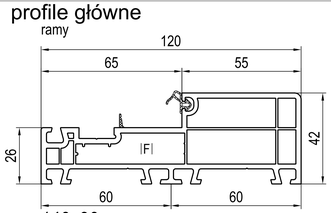
NORD-LINE

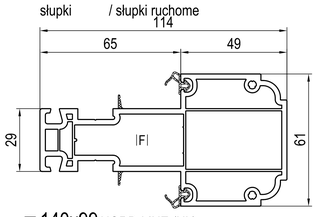
profile główne

ramy



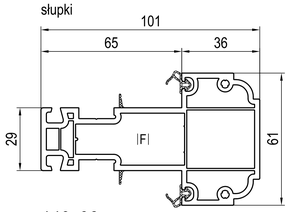
■ 140x90 NORD-LINE (CL)
|F| 249190
|Z| 646193

słupki / słupki ruchome



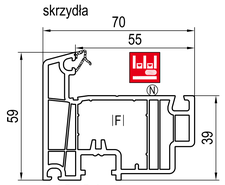
■ 140x99 NORD-LINE (HL)
|C| 640199
|D| 647191 ~140x90 ...
|F| 249198

słupki

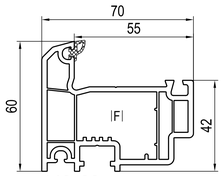


■ 140x98 NORD-LINE (HL)
|D| 647191 ~140x90 ...
|F| 249198

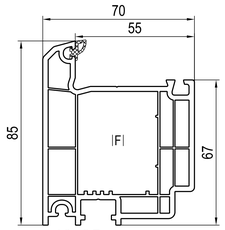
skrzydła



Ⓝ ■ 140x94 NORD-LINE (CL)
|F| 249194, 249204
Ⓝ |J| 642230, 642232, 642233

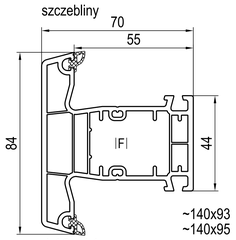


■ 140x93 NORD-LINE (SL)
|A| 642300
|F| 249192



■ 140x95 NORD-LINE (SL)
|A| 642300
|F| 249195

szczebliny



▨ 140x41 IDEAL 4000 (CL)
|A| 640301, 640311, 640320
|D| 647131, 649131, 647132 ~140x4x ...
|D| 647101, 649101, 647102 ~140x4x ...
|D| 620046 ~ uniwersalny
|F| 229098, 229100, 229101

profile dodatkowe

▨ 140295
-> 140x90, 140x98, 140x99

▨ 120101 (CL)
|C| 659932
|G| 659939

dodatki

|A| podkładki do szklenia

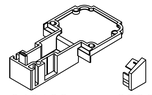
642300
-> 140x93, 140x95

640301
-> 140x41

640311
-> 140x41

640320
-> 140x41

|C| zaślepki



640199
-> 140x99

659932
-> 120101

|D| łączniki
|Ď| łączniki bez kołnierzy
P~plastikowy

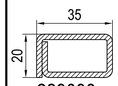
|Ď| 647191
-> 140x98, 140x99
|O| 640906
~140x90 ...

|D| 649131 P
|Ď| 649101 P
|D| 647131
|Ď| 647101
-> 140x41, 140x47
|O| 640900
~140x4x ...
~140x93
~140x95

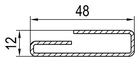
|D| 647132
|Ď| 647102
-> 140x41, 140x47
|O| 640900
~140x4x ...
~140x93
~140x95

|Ď| 620046 P
~35x20x1000mm
-> 120x41, 120x45, 140x41, 140x47, 170x41
~uniwersalny

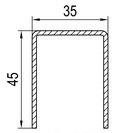
|F| wzmocnienia (...) = lx



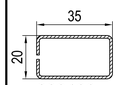
(4.1)229098 s=2.5
-> 140x41



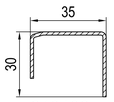
(3.5)249190 s=1.5
-> 140x90



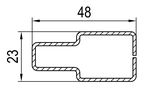
(5.3)249195 s=2.0
-> 140x95



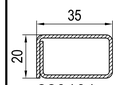
(2.0)229100 s=1.25
-> 140x41



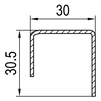
(2.4)249192 s=1.5
-> 140x93



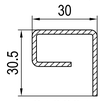
(4.8)249198 s=1.5
-> 140x98, 140x99



(2.8)229101 s=1.5
-> 140x41



(1.7)249194 s=1.5
-> 140x94



(2.2)249204 s=2.0
-> 140x94

|G| elementy mocujące

659939
-> 120101

|J| wklejana szyba
-> 140x94

H [mm]
640033 cze 3
640034 żó 4
640035 zie 5

H [mm]
640012 bi 12
640013 cze 13

H [mm]
640113 cze 13

H [mm]
640015 bi 12
640019 żó 14

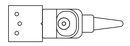
642230 cza

642233 cza

642232 cza

|O| elementy pomocnicze

640906
-> |Ď| 647191



640900
-> |D| 647131, 647132, 649131
-> |Ď| 647101, 647102, 647105, 649101

|X| uszczelki

479015 cza
477015 pbi
standard

449990 cza
447990 pbi
standard

449340 cza
447340 pbi
standard

449980 cza
447980 pbi

459922 cza
- pbi

459925 cza
450925 pbi
453925 oc

459923 cza
- pbi

449343 cza
447343 pbi

429320 cza
- pbi

|Z| pozostałe dodatki

646193
-> 140x90

Ⓝ wklejana szyba

▨ nie występuje w kolorze (brak okleiny)
■ występuje w kolorze (okleina)

-> do

(CL) Classic-line
(RL) Round-line
(SL) Soft-line
(HL) Historik-line

cza czarny
pbi papirusowa biel
oc ochra

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