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CERTIFICATES





Certificates of quality and conformity confirm that AKFA W&D products are safe, reliable, and meet all technical specifications.

Moreover, the company has adopted a quality management system according to ISO 9000:2015. The adoption of the international standard ensures that customers receive high quality products and service.



AKFA ASSEMBLY LLC.
Yangikhaet District, Str. Kipchak 2-lane, Building 100
Republic of Uzbekistan, Tashkent City
22

EN 14351-1:2006+A2:2016
Windows and Doors – Product Standard

PVC 6000 Eco Window System
Aluminum window and exterior window system designed for uses in houses and offices

Resistance to wind load – Test pressure : Class 3 (±1200)

Resistance to wind load – Deflection : Class C

Watertightness – Fully exposed (A) : Class 9A

Watertightness – Partially shielded (B) : npd

Height and Width – 1500 mm , 850 mm

Resistance to static torsion – Class 4 (350 N)

Acoustic performance – Rw (C ; Ctr) = 34 (-2 ; -5) dB

Thermal conductivity – Uw = 2,51 W/m²K

Air permeability – Class 4

System 3

Performance Declaration No: 7



CERTIFICATE




«CERT INTERNATIONAL» s.r.o. certification body basing on the results of the audit conducted in accordance with certification procedures confirms that the integrated management system of:

JV «AKFA EXTRUSIONS» LLC

with production sites (see Annex)

FEZ Navoi, Karmana district,
Navoi region, 210609, Republic of Uzbekistan

within the scope:

**Production of aluminum and polyvinyl chloride (PVC) profiles,
as well as components for window and door blocks**

meets the requirements of the following standards:

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Certificate №: JMS-0411/C
Order №: 665/05
Valid from: 01.12.2022
Valid till: 14.11.2024
(subject to annual surveillance audits)




 Head
of the Certification Body
01.12.2022

Status of the certificate can be assured by QR-code or from request to the Certification body CERT International s.r.o.
© 4370211, Boshnorkada, 83 02 Boshnorka-Navoiy Manzar, Boshnorka
Tel.: +2023366675, www.certgroup.org, info@certf.org

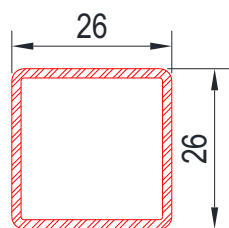
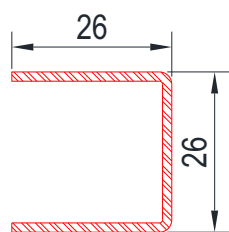
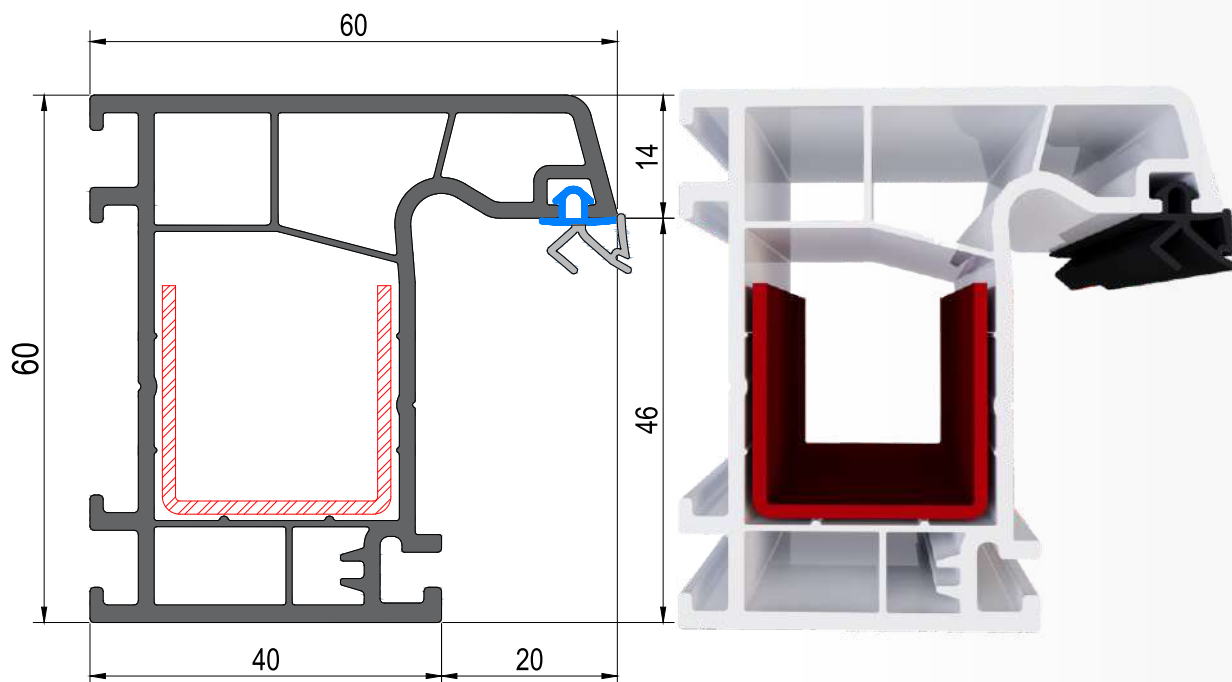
TECHNICAL PROPERTIES

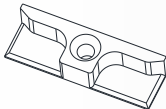
FRAME WIDTH	60 mm
FRAME HEIGHT INSIDE - OUTSIDE	40 / 60 mm
MULLION WIDTH INSIDE - OUTSIDE	38 / 78 mm
SASH WIDTH STANDARD - SELF DRAINAGE	60 mm
WINDOW SASH HEIGHT INSIDE - OUTSIDE / TOTAL	55 - 55 / 75 mm
DOOR SASH HEIGHT INSIDE - OUTSIDE / TOTAL	85 - 85 / 105 mm
DOOR SASH HEIGHT INSIDE - OUTSIDE / TOTAL	65 - 105 / 105 mm
GLASS THICKNESS	20 / 32 mm
NUMBER OF CHAMBER FOR FRAME PROFILES	3
NUMBER OF CHAMBER FOR SASH PROFILES	3
NUMBER OF CHAMBER FOR MULLION PROFILES	3

GENERAL FEATURES

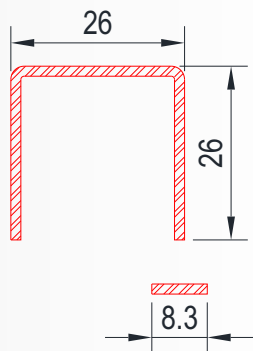
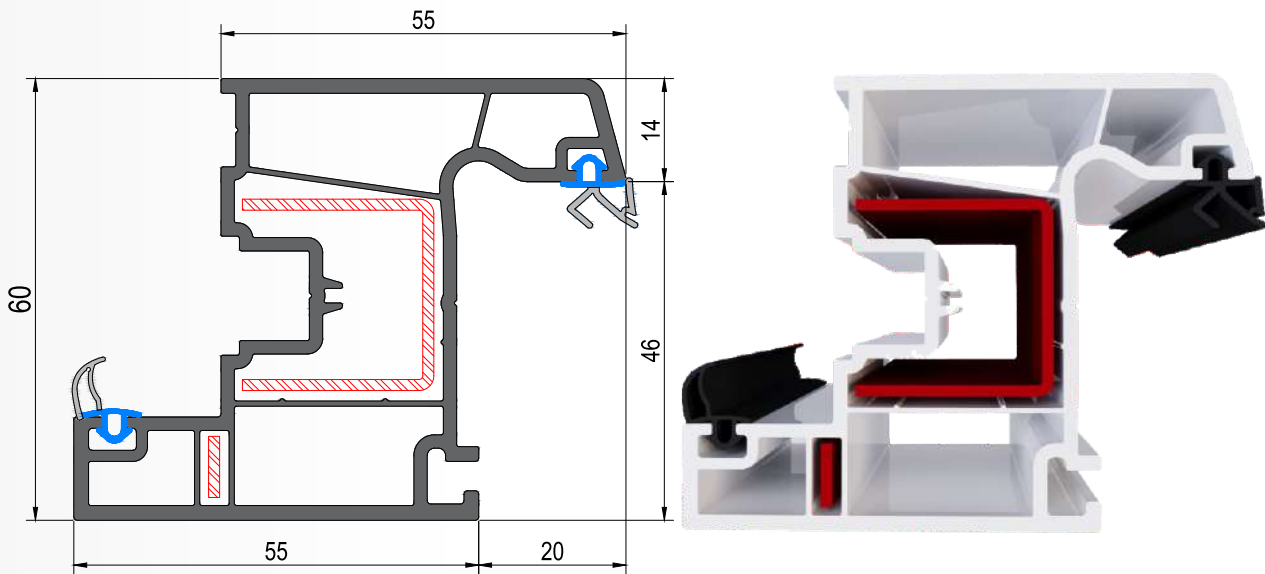
- * It provides a great advantage with the use of a single type of reinforcement profiles.
- * 60 mm wide, 3 chamber profile design allows the use of 20, 24, 32 mm glazing beads.
- * In addition to heat and sound insulation, long-lasting PVC profile systems provide significant benefits in terms of environment and economy.
- * In this self-sealed profile system, it can be welded at the corners with the use of TPV gaskets and thus is highly removable offers the feature.
- * It provides the advantage of fast production thanks to the self-sealing profile.

FRAME PROFILE CLASS-C PTE.60.F0001



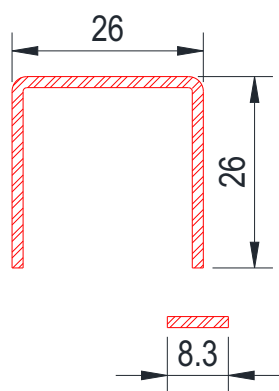
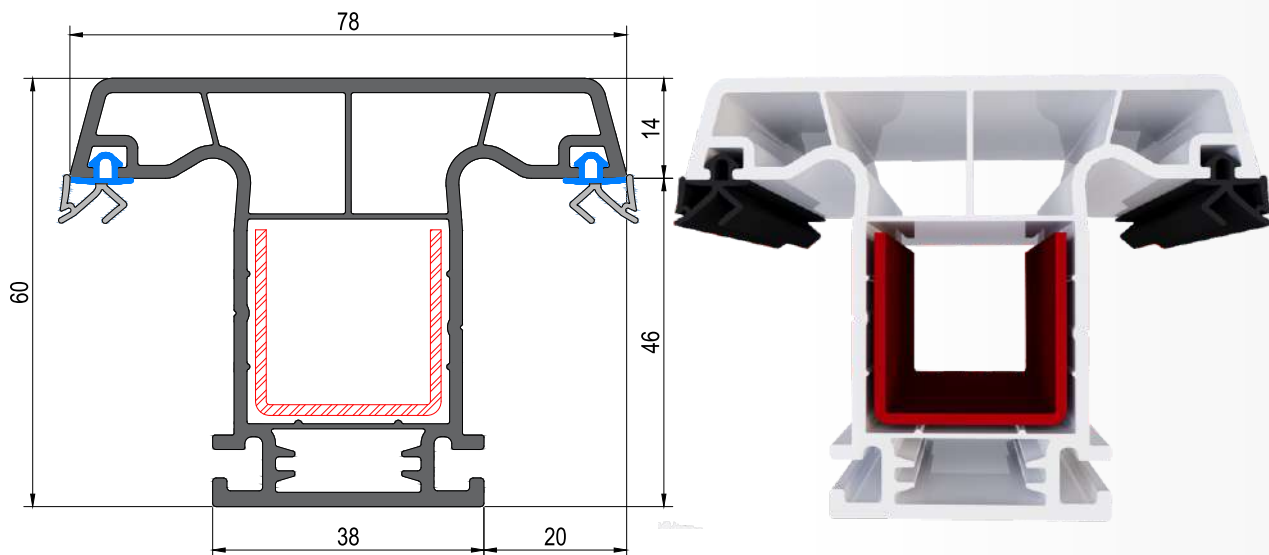
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	S (mm)	Ix (cm ⁴)	Iy (cm ⁴)
CLR77.W160-1	1	0,00	0,00
CLR77.W160-2	1,25	1,11	0,66
CLR77.W160-3	1,5	1,30	0,79
CLR77.W160-4	2,0	1,65	1,02
CLR77.W170-1	1	0,00	0,00
CLR77.W170-2	1,25	1,22	1,22
CLR77.W170-3	1,5	1,42	1,42
CLR77.W170-4	2,0	1,80	1,80
ACS.012.001-7002			

CLASS-C
PTE.60.V0001 **SASH PROFILE**



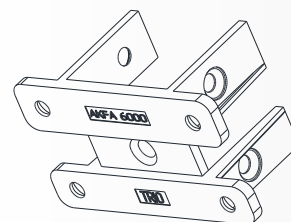
Product Code	Thickness	Moment of Inertia	
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CLR77.W160-2	1,25	0,65	1,11
CLR77.W160-3	1,5	0,79	1,30
CLR77.W160-4	2,0	1,02	1,65

MULLION PROFILE CLASS-C PTE.60.M0001

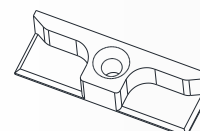


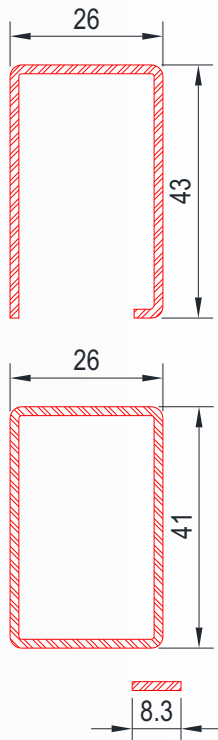
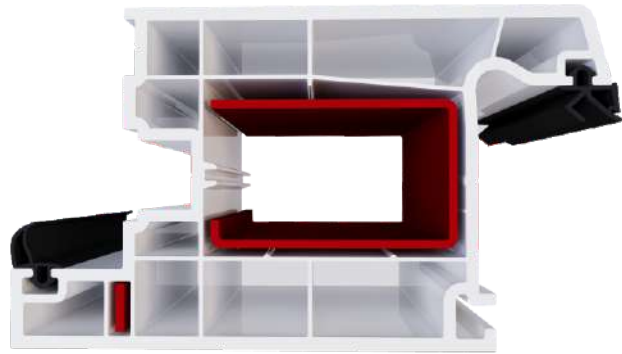
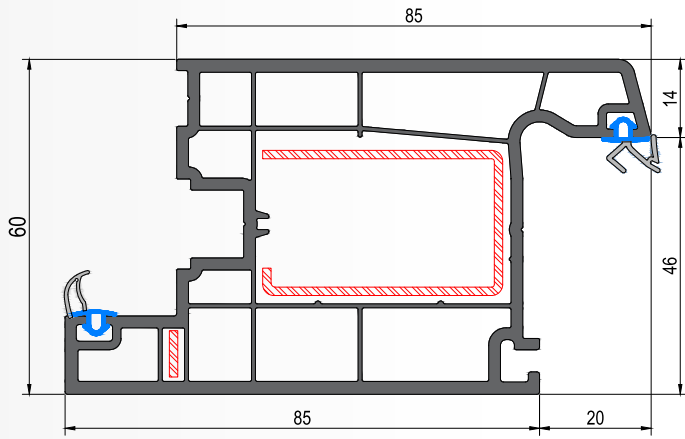
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CLR77.W160-3	1,5	0,79	1,30
CLR77.W160-4	2,0	1,02	1,65

ACS.033.IMP-7003



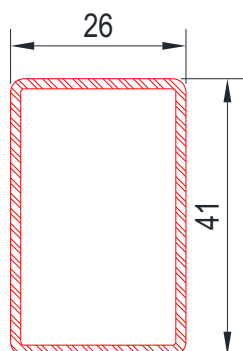
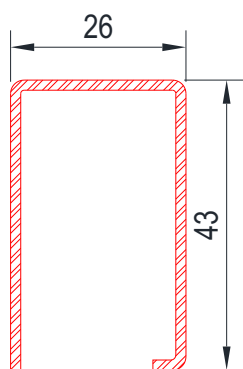
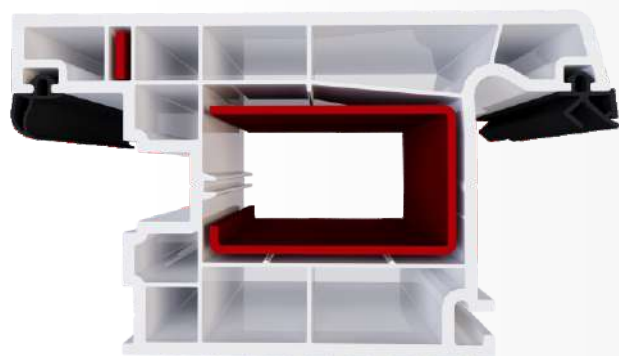
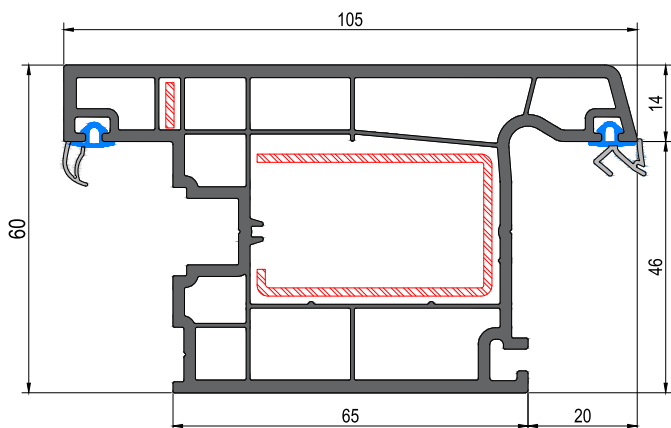
ACS.012.001-7002





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CLR77.W200-1	1	0,00	0,00
CLR77.W200-2	1,25	2,86	1,78
CLR77.W200-3	1,5	3,39	2,09
CLR77.W200-4	2,0	4,38	2,67
CLR77.W190-1	1	0,00	0,00
CLR77.W190-2	1,25	3,64	1,79
CLR77.W190-3	1,5	4,29	2,10
CLR77.W190-4	2,0	5,51	2,67

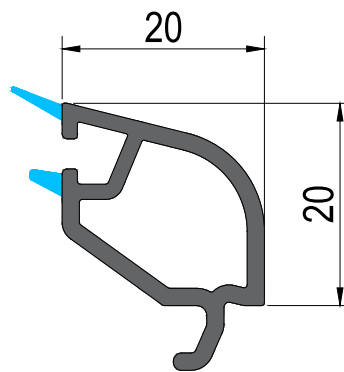
OUTWARD OPENING DOOR SASH CLASS-C PTE.60.V0003



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CLR77.W200-1	1	0,00	0,00
CLR77.W200-2	1,25	2,86	1,78
CLR77.W200-3	1,5	3,39	2,09
CLR77.W200-4	2,0	4,38	2,67
CLR77.W190-1	1	0,00	0,00
CLR77.W190-2	1,25	3,64	1,79
CLR77.W190-3	1,5	4,29	2,10
CLR77.W190-4	2,0	5,51	2,67

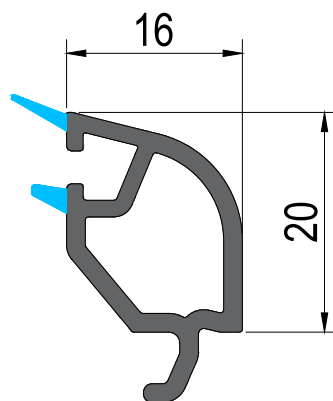
DOUBLE GLAZING BEAD 20MM

PTE.60.G0001



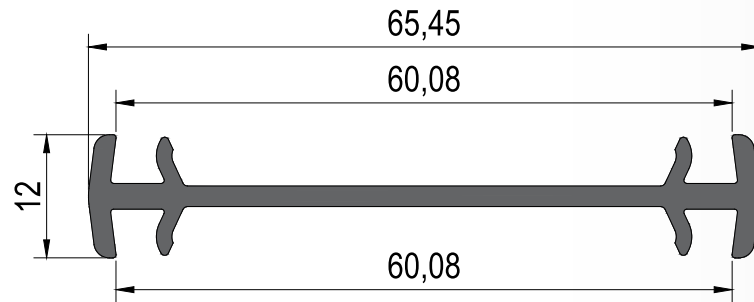
DOUBLE GLAZING BEAD 24MM

PTE.60.G0002



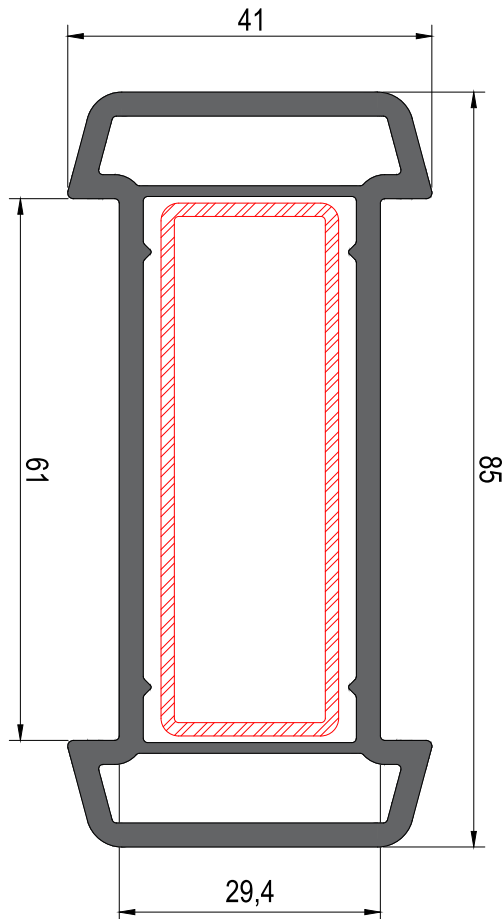
NARROW COUPLING PROFILE

PT3.60.A0003



WIDE COUPLING PROFILE

PT3.60.A0004

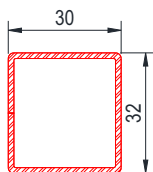
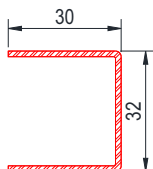
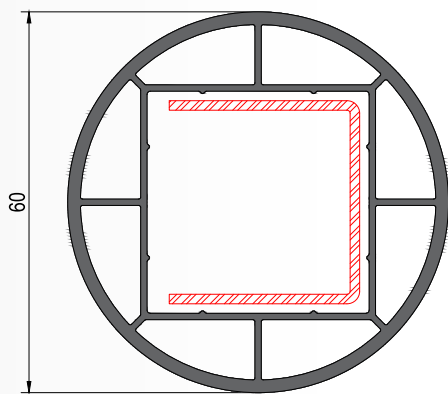


Product Code	Thickness	Moment of Inertia	
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CLR77.W50-2	1,25	1,40	8,01
CLR77.W50-3	1,5	1,64	9,48
CLR77.W50-4	2,0	2,06	12,28



CORNER PIPE PROFILE

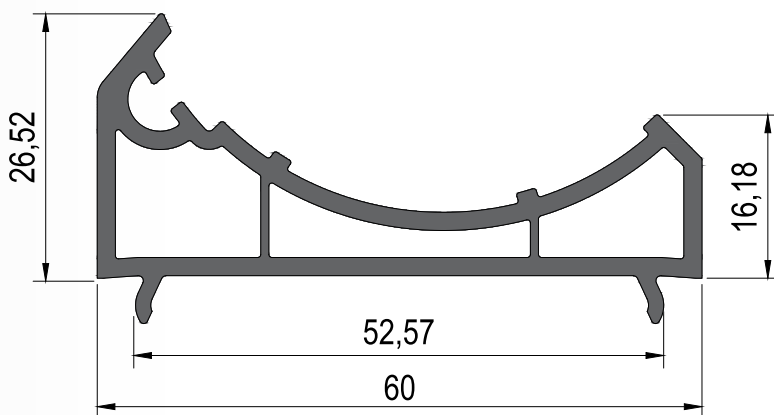
PT3.60.A0006



Product Code	Thickness	Moment of Inertia	
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CLR77.W890-2	1,25	1,07	2,03
CLR77.W890-3	1,5	1,26	2,38
CLR77.W890-4	2,0	1,63	3,03
CLR77.W891-1	1	0,00	0,00
CLR77.W891-2	1,25	2,07	2,29
CLR77.W891-3	1,5	2,40	2,66
CLR77.W891-4	2,0	3,03	3,36

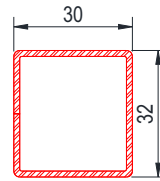
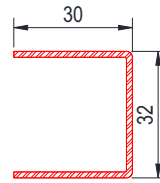
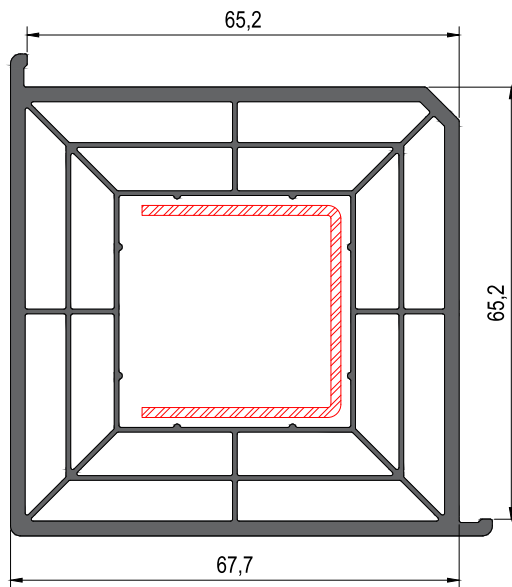
ANGLED CORNER ADAPTER

PT3.60.A0005



CORNER BOX PROFILE

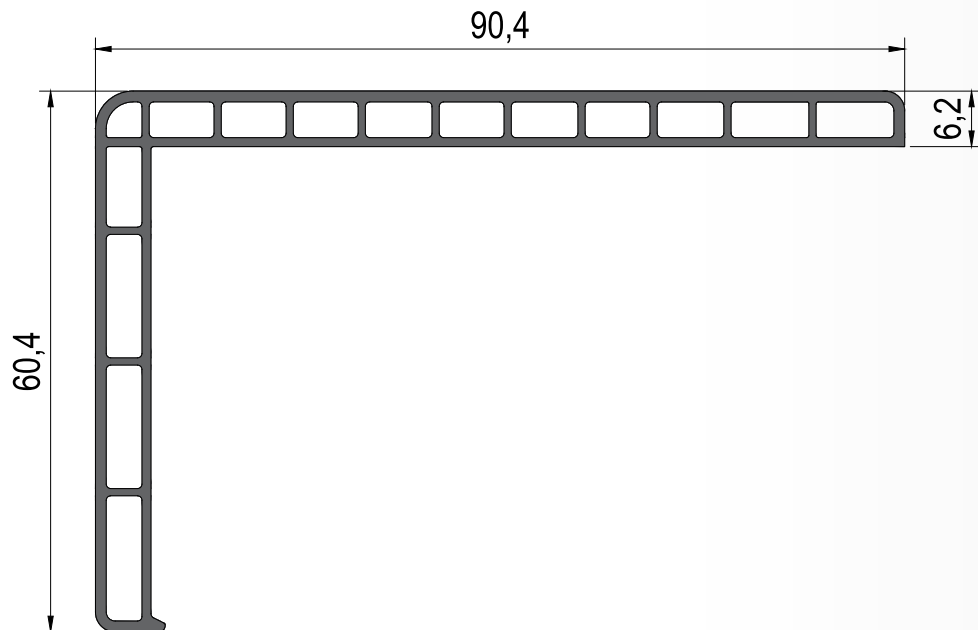
PT5.65.A0005



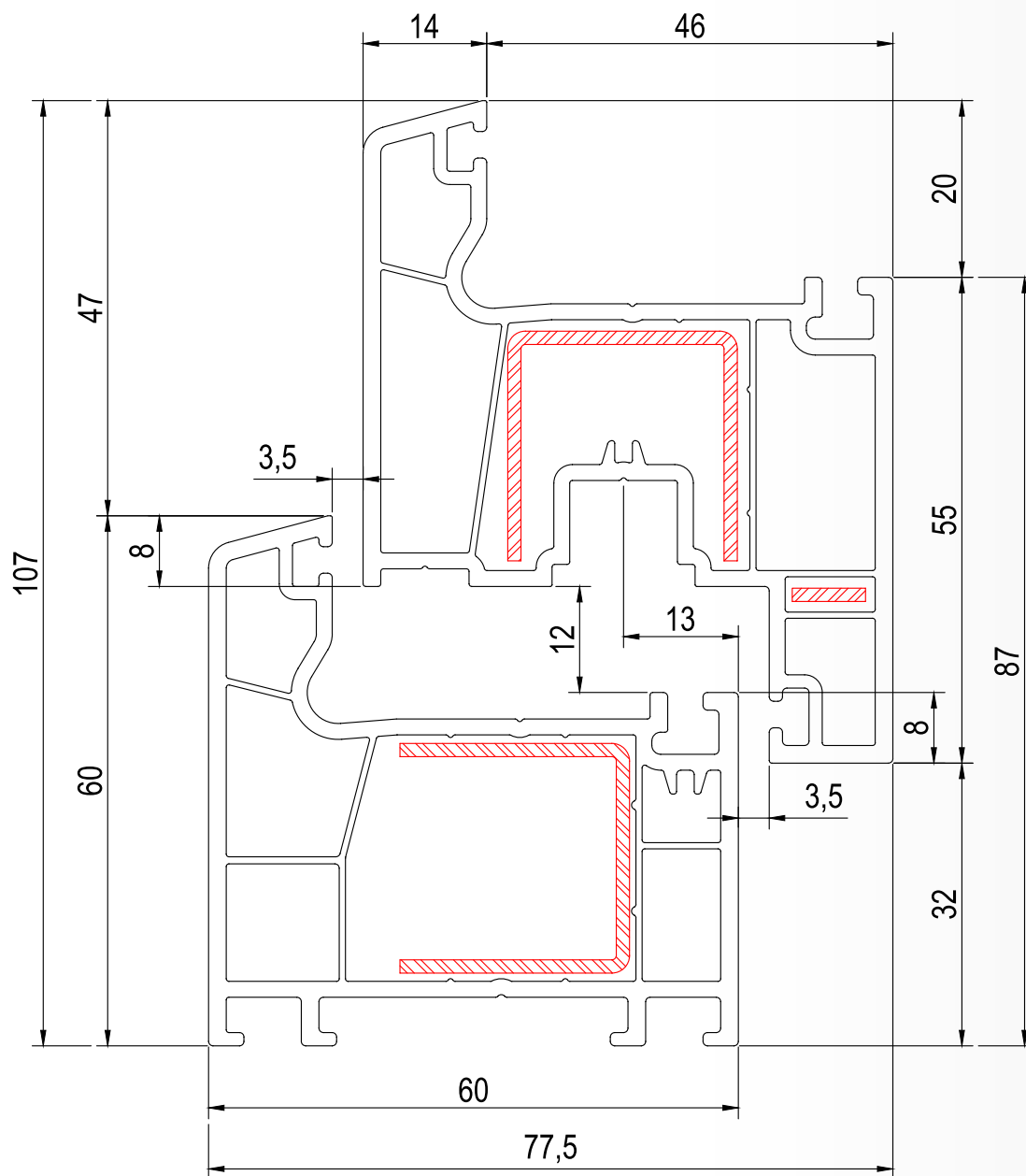
Product Cod	Thickness	Moment of Inertia	
	S (mm)	Ix (cm ⁴)	Iy (cm ⁴)
CLR77.W890-1	1	0,00	0,00
CLR77.W890-2	1,25	1,07	2,03
CLR77.W890-3	1,5	1,26	2,38
CLR77.W890-4	2,0	1,63	3,03
CLR77.W891-1	1	0,00	0,00
CLR77.W891-2	1,25	2,07	2,29
CLR77.W891-3	1,5	2,40	2,66
CLR77.W891-4	2,0	3,03	3,36

MASKING PROFILE

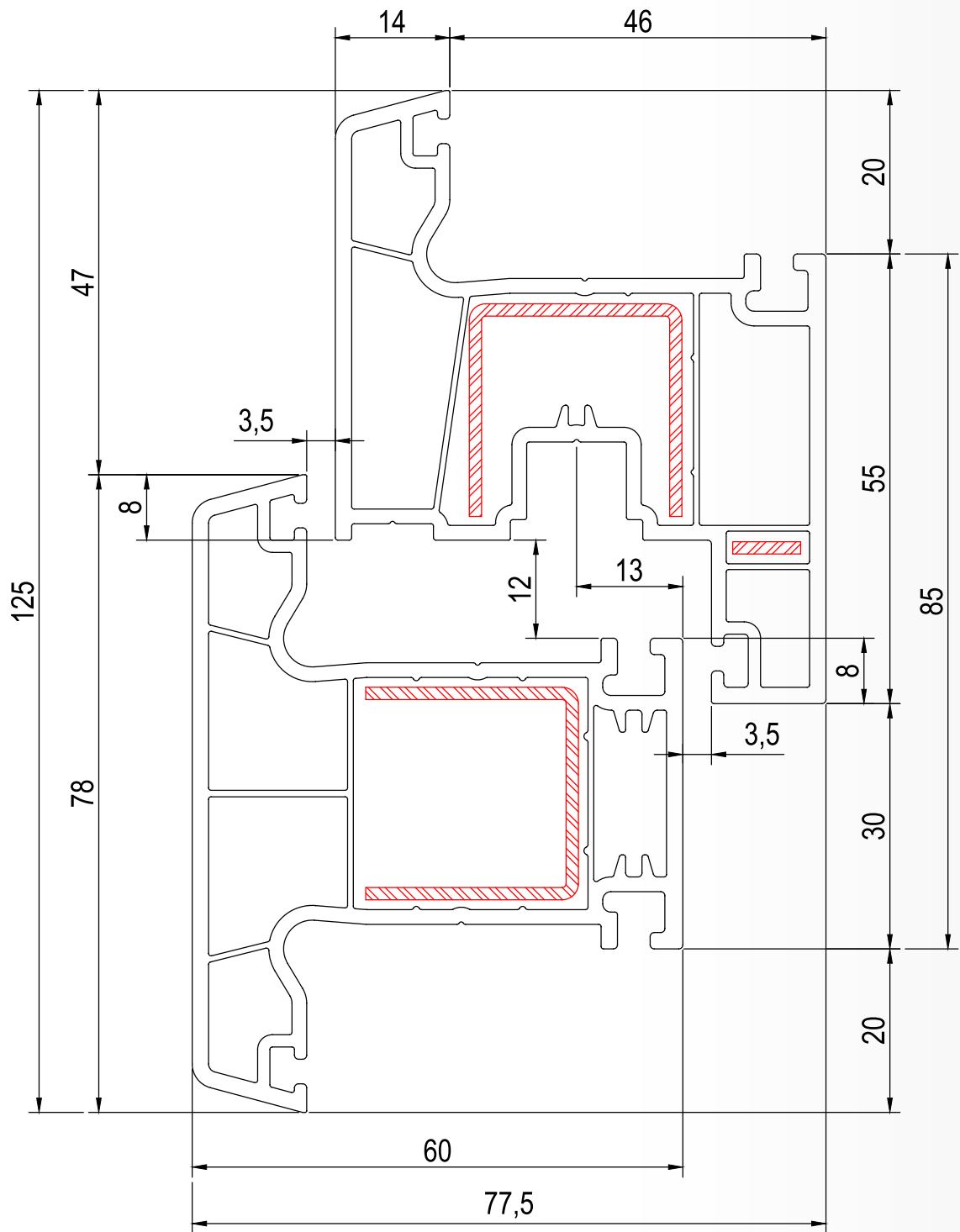
PVF.CP.F0001



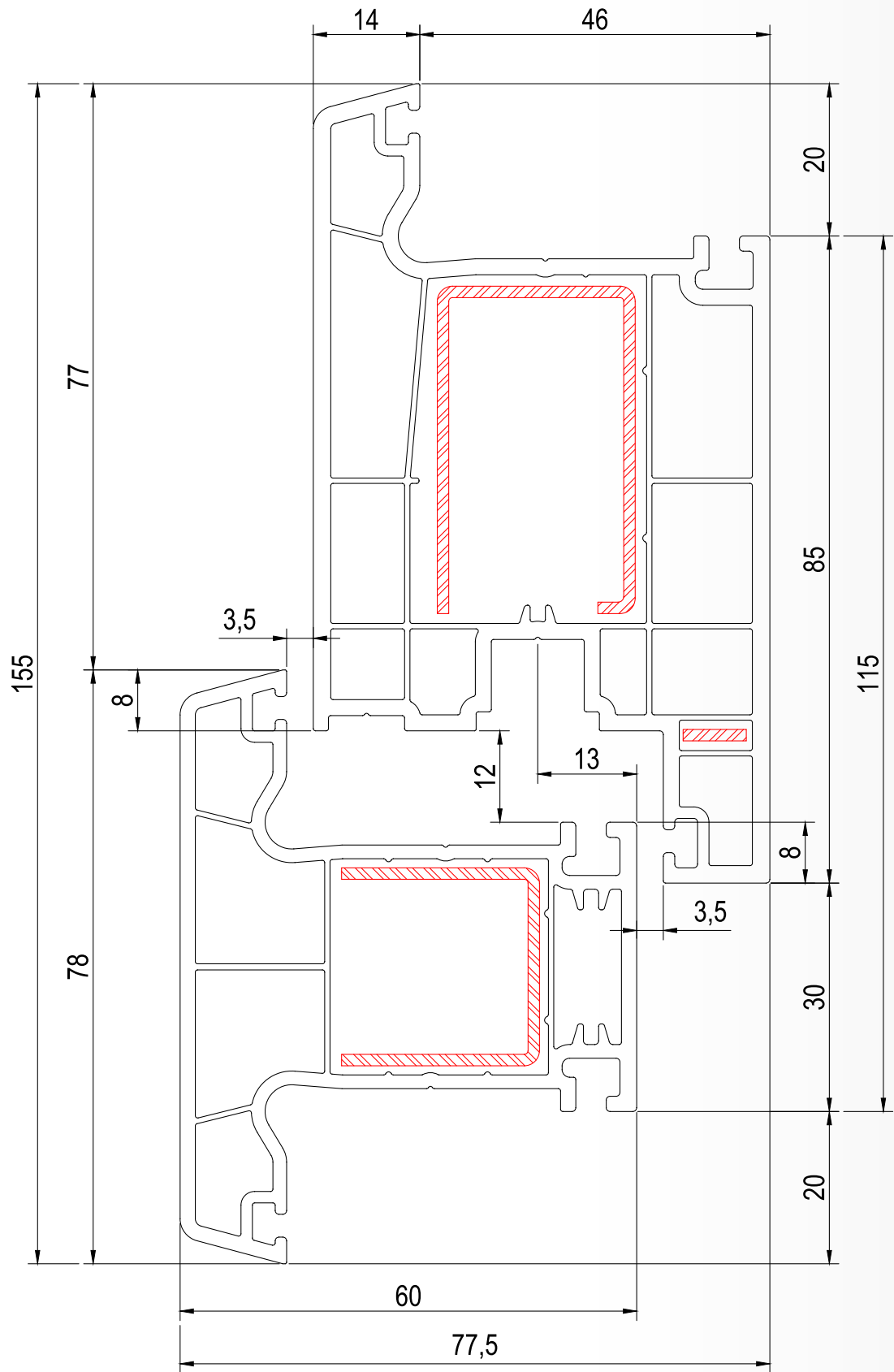
DIMENSIONED SECTION DETAILS



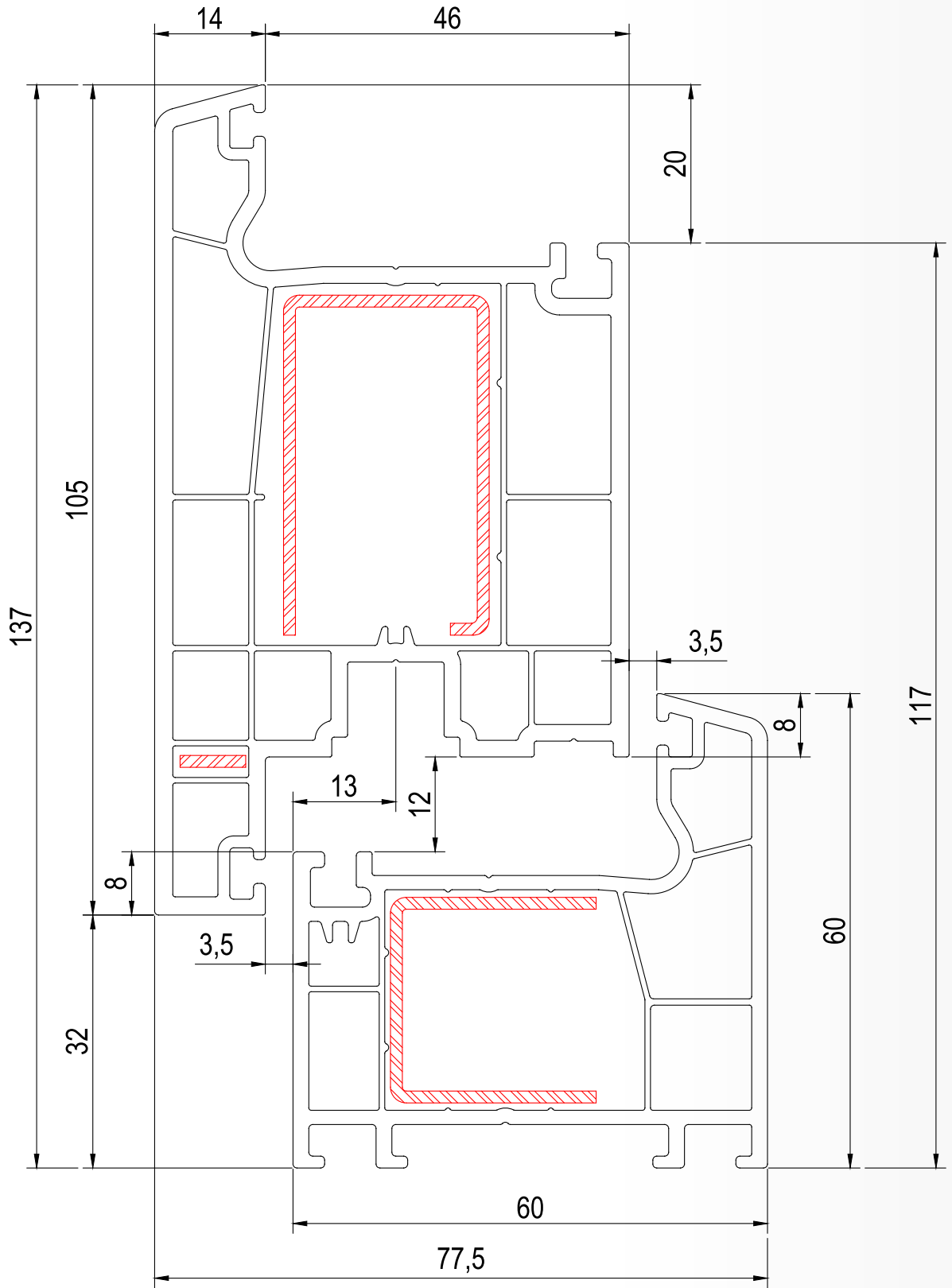
DIMENSIONED SECTION DETAILS



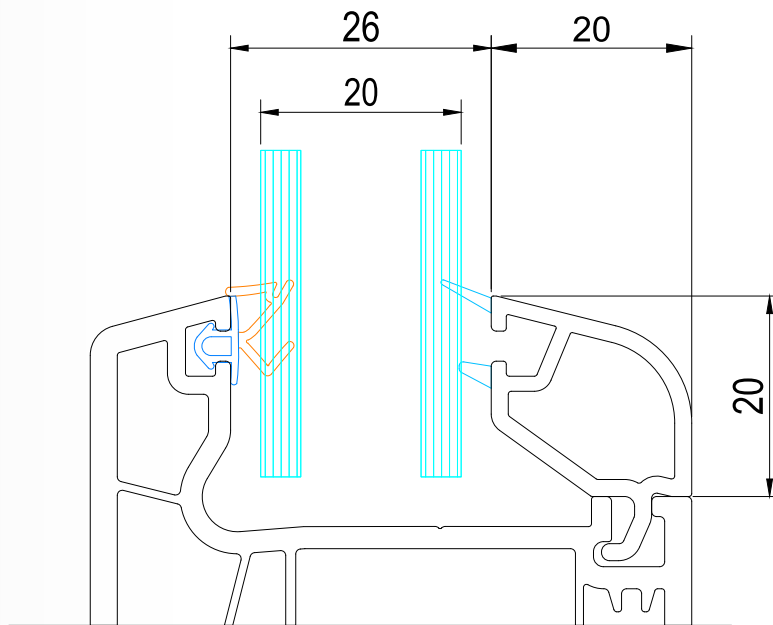
DIMENSIONED SECTION DETAILS



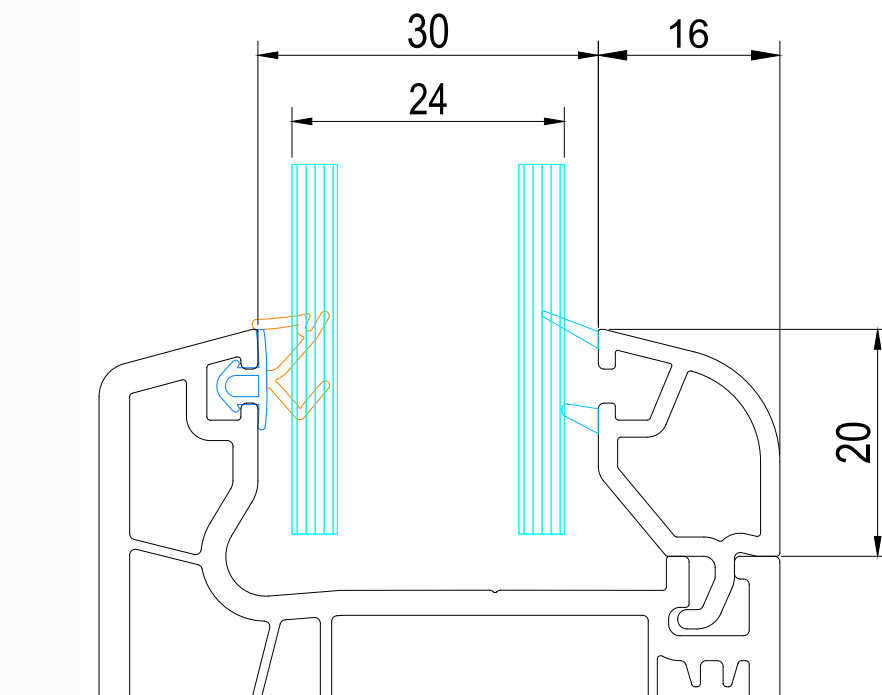
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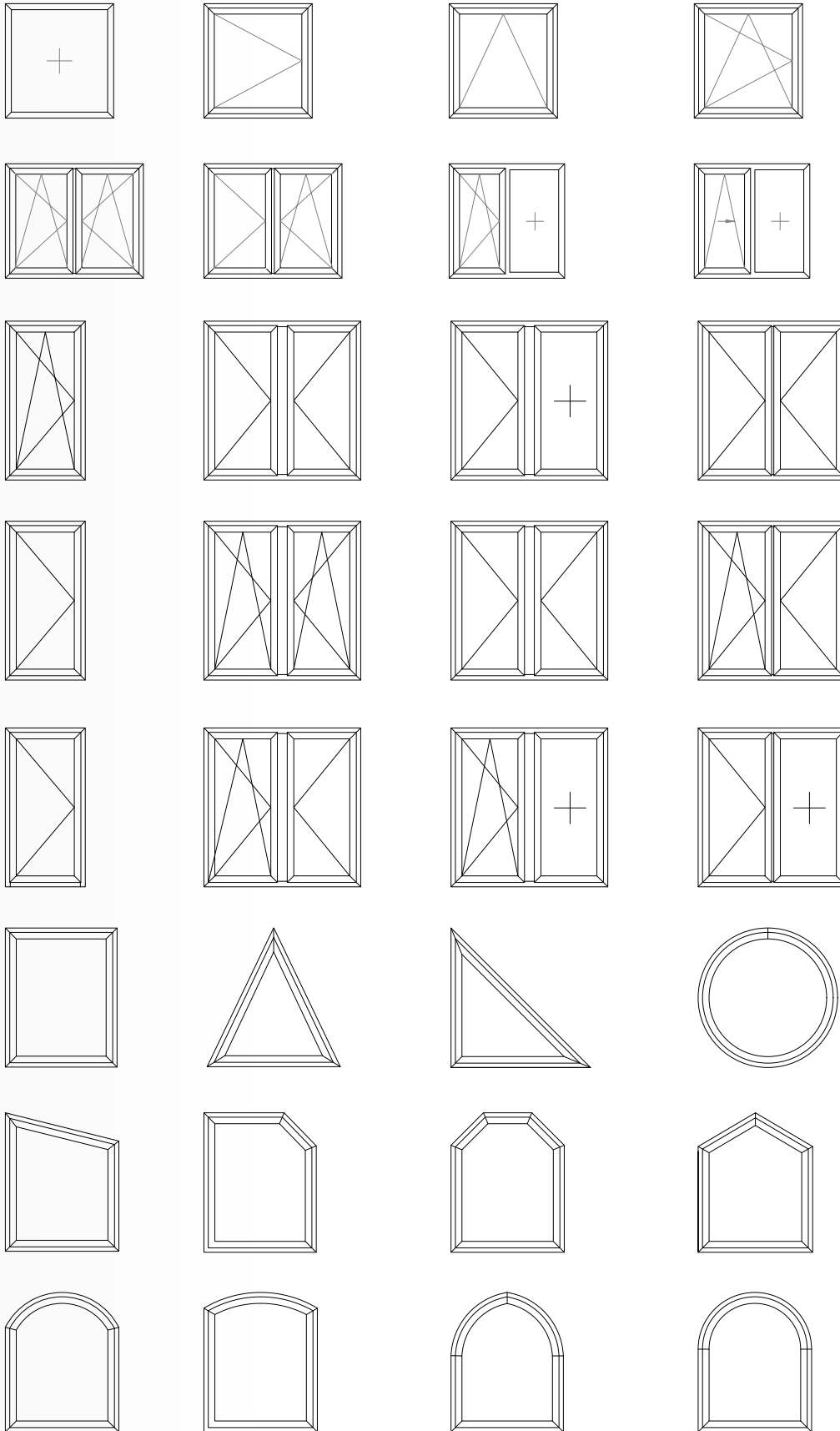
DOUBLE GLAZING BEAD 20MM



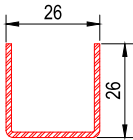
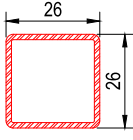
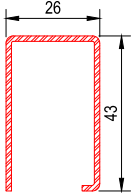
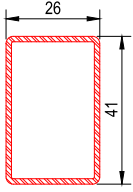
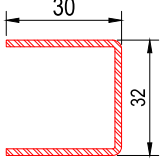
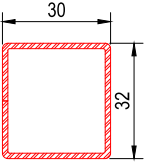
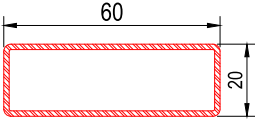
DOUBLE GLAZING BEAD 24MM




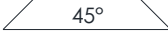

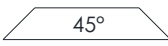
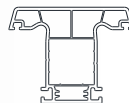

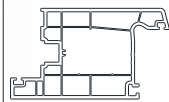

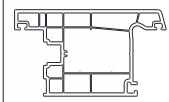
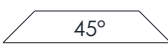


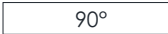
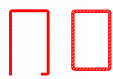

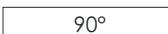

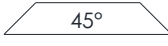

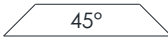
OPENING TYPES



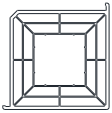




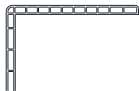



REINFORCEMENT PROFILES

Drawings	Product Code	Moment of Inertia		
		Thickness (S) (mm)	I_x (cm ⁴)	I_y (cm ⁴)
	CLR77.W160-1	1	0,00	0,00
	CLR77.W160-2	1,25	0,65	1,11
	CLR77.W160-3	1,5	0,79	1,30
	CLR77.W160-4	2,0	1,02	1,65
	CLR77.W170-1	1	0,00	0,00
	CLR77.W170-2	1,25	1,22	1,22
	CLR77.W170-3	1,5	1,42	1,42
	CLR77.W170-4	2,0	1,80	1,80
	CLR77.W200-1	1	0,00	0,00
	CLR77.W200-2	1,25	2,86	1,78
	CLR77.W200-3	1,5	3,39	2,09
	CLR77.W200-4	2,0	4,38	2,67
	CLR77.W190-1	1	0,00	0,00
	CLR77.W190-2	1,25	3,64	1,79
	CLR77.W190-3	1,5	4,29	2,10
	CLR77.W190-4	2,0	5,51	2,67
	CLR77.W890-1	1	0,00	0,00
	CLR77.W890-2	1,25	2,00	1,06
	CLR77.W890-3	1,5	2,36	1,26
	CLR77.W890-4	2,0	3,03	1,63
	CLR77.W891-1	1	0,00	0,00
	CLR77.W891-2	1,25	2,07	2,29
	CLR77.W891-3	1,5	2,40	2,66
	CLR77.W891-4	2,0	3,03	3,36
	CLR77.W50-1	1	0,00	0,00
	CLR77.W50-2	1,25	1,40	8,01
	CLR77.W50-3	1,5	1,64	9,48
	CLR77.W50-4	2,0	2,06	12,28




PROFILE CUTTING ANGLES

Profile code	Drawings	Cutting angle (45°/90°)	Material	Description
PTE.60.F0001		 45°	PVC	Frame profile
PTE.60.V0001		 45°	PVC	Sash profile
PTE.60.M0001		 90°	PVC	Mullion profile
PTE.60.V0002		 45°	PVC	Inward opening door sash
PTE.60.V0003		 45°	PVC	Outward opening door sash
CLR77.W160 CLR77.W170		 45°  90°	Steel	Reinforcement profile Box - U
CLR77.W200 CLR77.W190		 45°  90°	Steel	Reinforcement profile Sheets Box - U
PTE.60.G0001		 45°	PVC	Double glazing bead 20mm
PTE.60.G0002		 45°	PVC	Double glazing bead 24mm

REINFORCEMENT PROFILES

Profile code	Drawing	Cutting angle (45°/90°)	Material	Description
PT5.65.A0005		90°	PVC	Corner Box Profile
PT3.60.A0005		90°	PVC	Angled corner profile
PT3.60.A0006		90°	PVC	Corner Pipe Profile
PT3.60.A0004		90°	PVC	Wide coupling profile
PT3.60.A0003		90°	PVC	Narrow coupling profile
PVF.CP.F0001		45° 90°	PVC	Masking profile
CLR77.W890		90°	Steel	Reinforcement profile Box - U
CLR77.W890		90°	Steel	Reinforcement profile
CLR77.W50		90°	Steel	Reinforcement for wide coupling profile

GASKET USAGE TABLE

1000004148 1000004568		Black Grey	TPV - TPE	Universal Frame, sash, mullion glass gasket
1000000979 1000000980		Black Grey	TPV - TPE	Concealed sash gasket
1000001002 1000000978		Black Grey	TPV - TPE	Laminate application slat gasket

