



883 SERIE
PVC PROFILE SYSTEM





TECHNICAL

PENWOOD 883 SERIE

Profile Width: 80 mm

Number of chambers: 6 chambers system

Profile Class: A - B Class (TS EN 12608-1)

Seal Type: Triple seal system (External / Internal / Middle)

Seal Type and Color: TPE - Grey /Black

Glass Thickness (mm): 22, 24, 32-34, 42, 44, 48-50 mm

The thermal insulation Uf: 0,90W/m²K

Uw: 0,77 W/m²K

- 1** Frame 5 chambers system.
- 2** Offset and flat sash option
- 3** Double and triple glass option.
- 4** No need metal reinforcement.

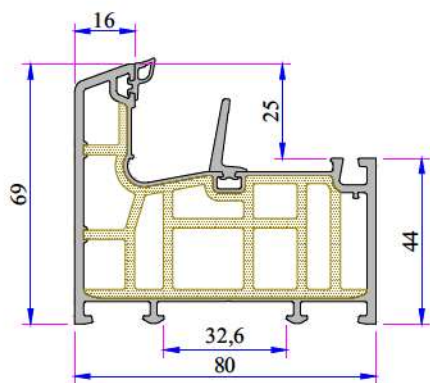
INSTRUCTION

- 80 mm profile system. Because of the composite profile extruded together, No need for extra metal reinforcement inside.
- No need for reinforcement cutting screwing unit and workman.
- Compared with metal reinforcement system profile, it has %30 more advantages with max heat-sound and water insulation.
- Just cut and weld. You do not need Metal Reinforcement and extra stock area for Metal Reinforcement.
- Possibility to install single 4-6 mm or double glazing 22, 24, 32 - 34, 42, 44, 48 - 50 mm with different thickness of glazing bead.
- It has water drainage channel, it can be directly drilled after cutting.
- Color range for laminated products.
- It's quality is accredited by national and international certificates.

LAMINATED COLORS

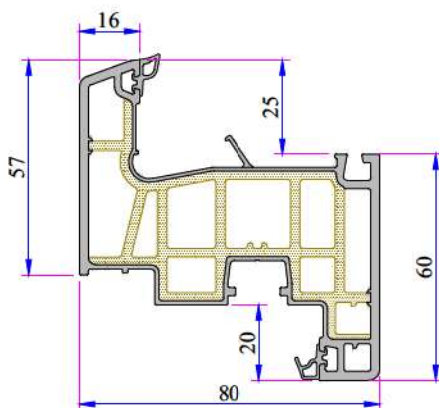
P. GOLDEN OAK ST 540	P. DARK OAK ST 541	SWAMP OAK ST 503	MAHOGANY ST 504	CHROME BLUE SB 511	GREY SAND AS 509	GREY SAND ST 509	GREY ST 507
ANT. GREY ST 508	ANT. GREY AS 508	ANT. GREY ST 516	SILVER TEAK SB 513	SILVER SB 518	DARK BLACK ST 520	NATURAL OAK HR 570	WHITE ST 517

PENWOOD 883 SERIE PVC PROFILE SYSTEM

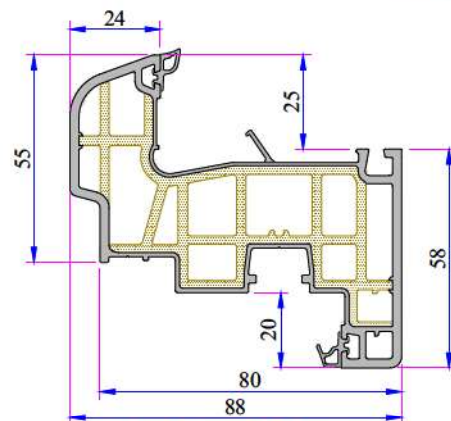


Frame Profile

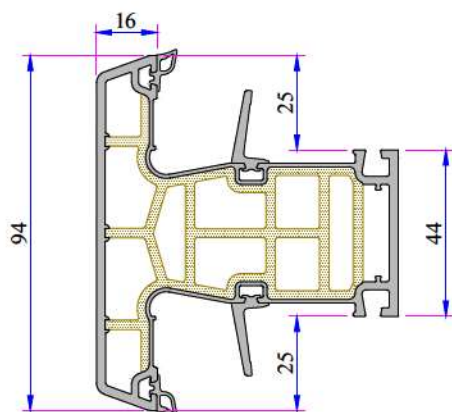
883.1000.2.BC (without mid. seal)
883.1000.2.SC (with mid. seal)



Sash Profile
883.2000.2

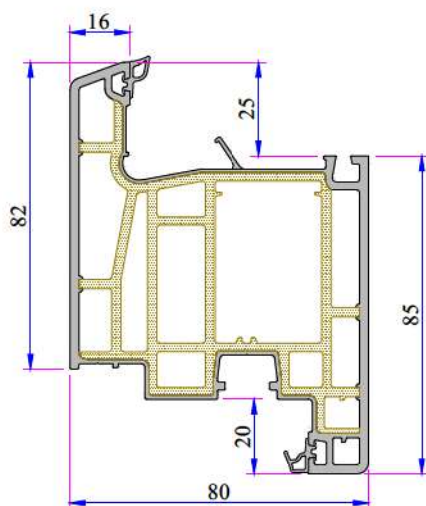


Offset Type Sash Profile
883.2200.2

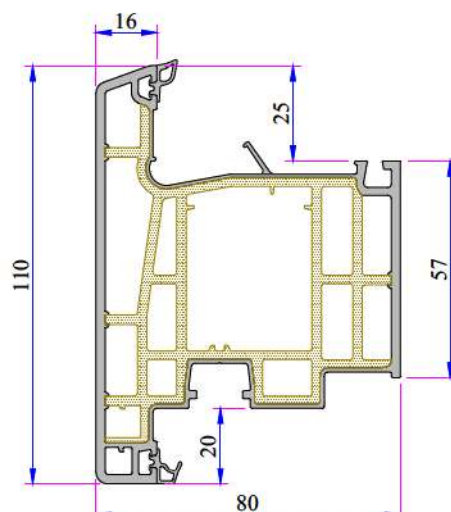


Mullion Profile

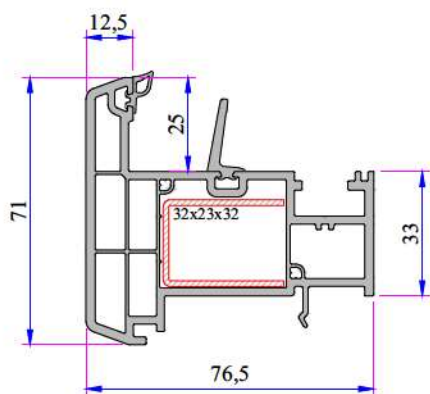
883.3000.2.BC (without mid. seal)
883.3000.2.SC (with mid. seal)



Door Sash Profile
883.2100.2

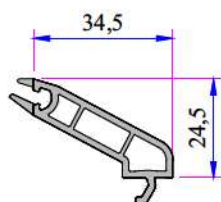


Outward Opening Door Sash Profile
883.2101.2

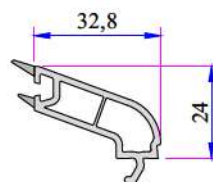


Lap Joint Profile

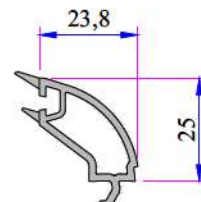
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883.3100.0.SC (with mid. seal)



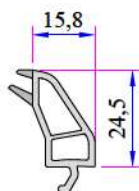
Glazing Bead 22mm
433.4000



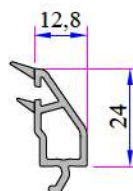
Glazing Bead 24mm
883.4204



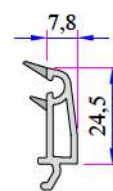
Glazing Bead 32-34mm
777.4204



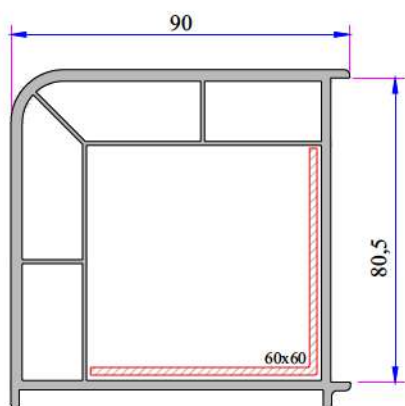
Glazing Bead 42mm
777.4302



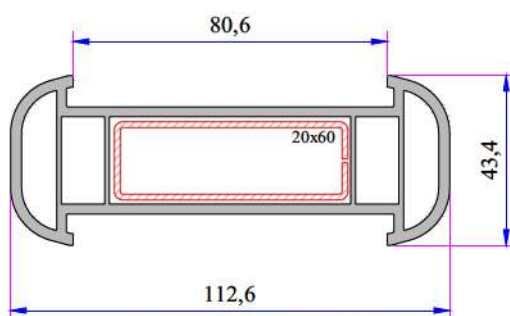
Glazing Bead 44mm
883.4800



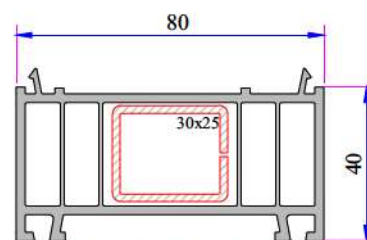
Glazing Bead 48-50mm
433.4500



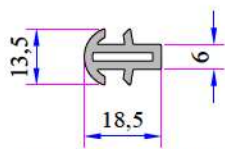
90° Corner Profile
080.5100



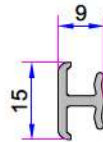
Large Couple Profile
080.5000



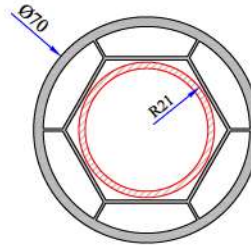
Frame Lifting Profile
080.5300



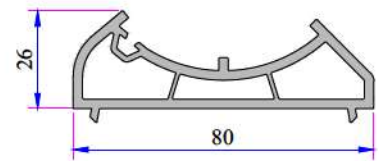
Short Couple Profile
099.5003



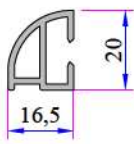
Universal Short Coupling Profile
099.5004



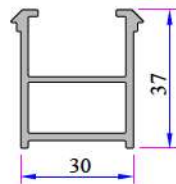
Pipe Profile
070.5106



Angled Pipe Adaptor Profile
080.5104

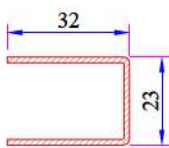


Offset Profile
900.6307

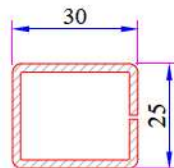


Frame Montage Profile
060.5301

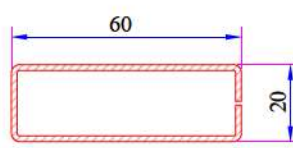
883 Penwood Re-Inforcement Profiles



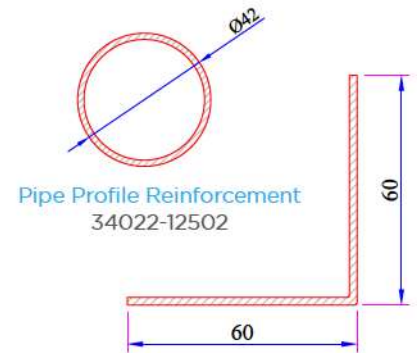
Lap Joint Profile
Reinforcement
34027-12045



Frame Lifting Profile
Reinforcement
34022-12119

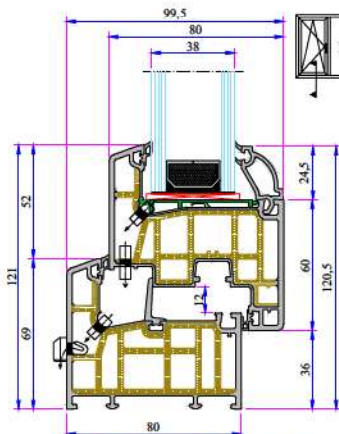


Large Coupling Profile
Reinforcement
34022-12106

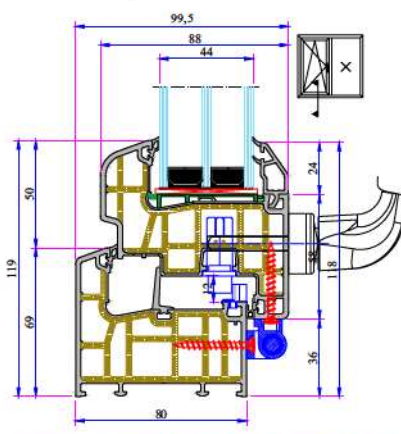


90° Corner Profile
Reinforcement
34022-12306

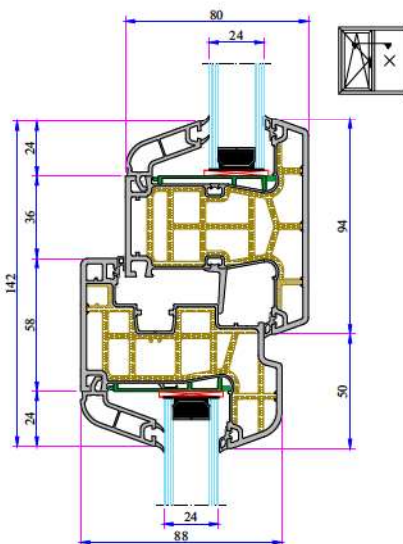
883 Penwood Installation



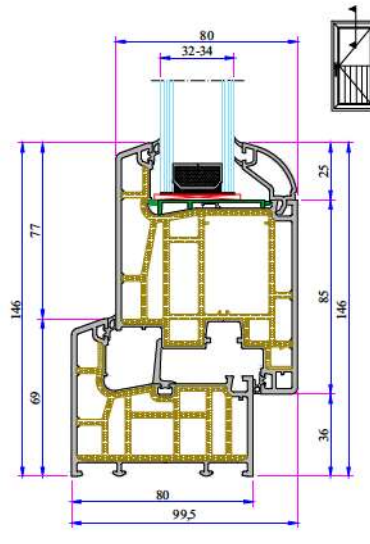
Frame - Sash Installation



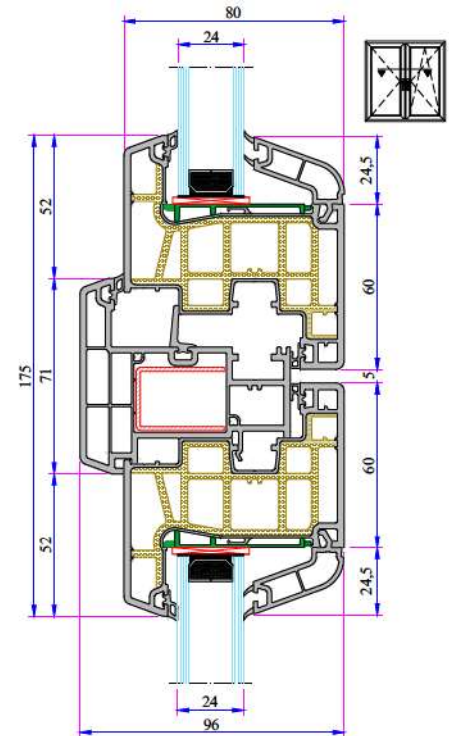
Frame - Offset Type Sash Installation



Mullion - Offset Type Sash Installation

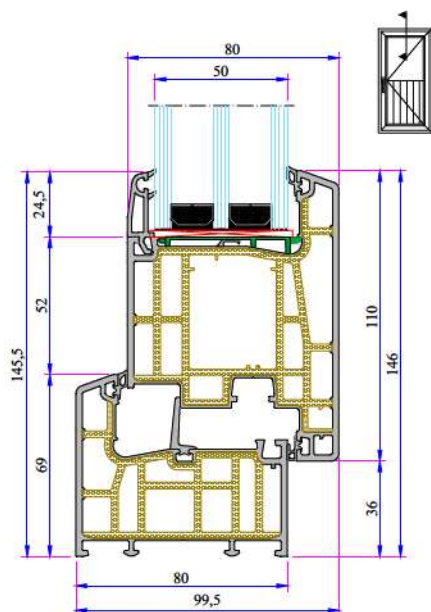


Frame - Door Sash Installation

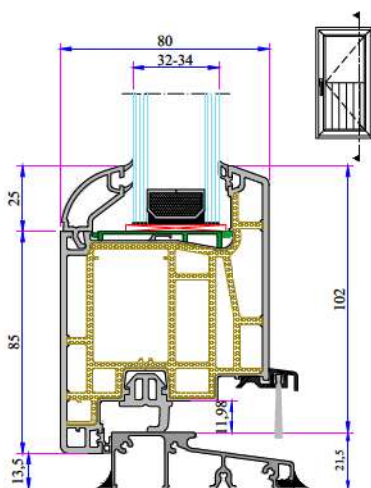


Sash - Lap Joint - Sash Installation

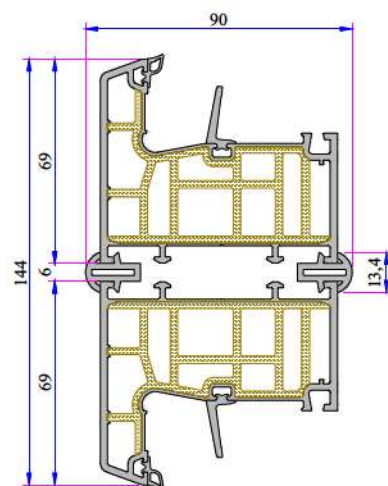
PENWOOD 883 SERIE PVC PROFILE SYSTEM



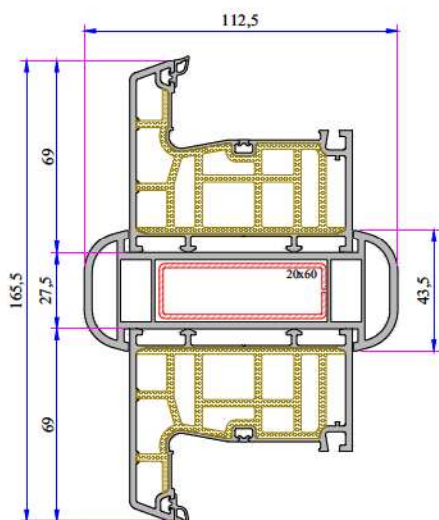
Frame - Outward Opening Door Sash Installation



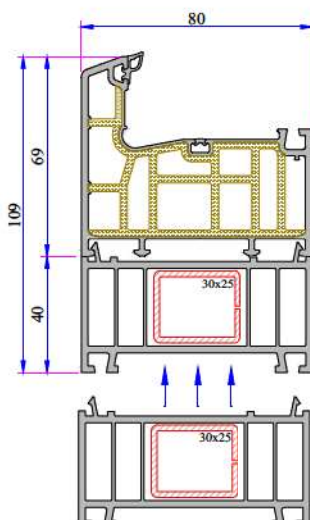
Aluminium Threshold Profile Installation



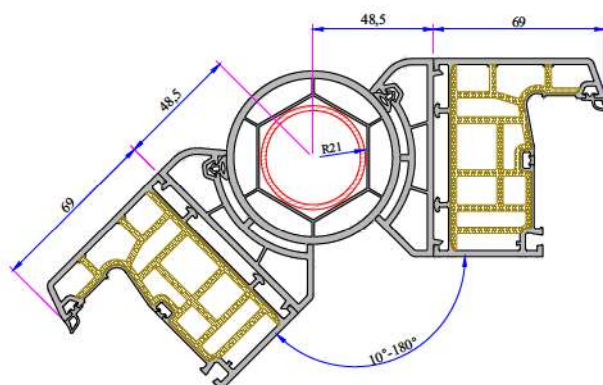
Short Coupling Profile Installation



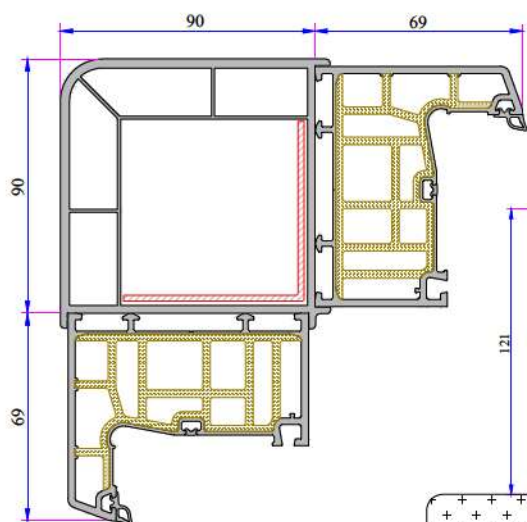
Large Coupling Profile Installation



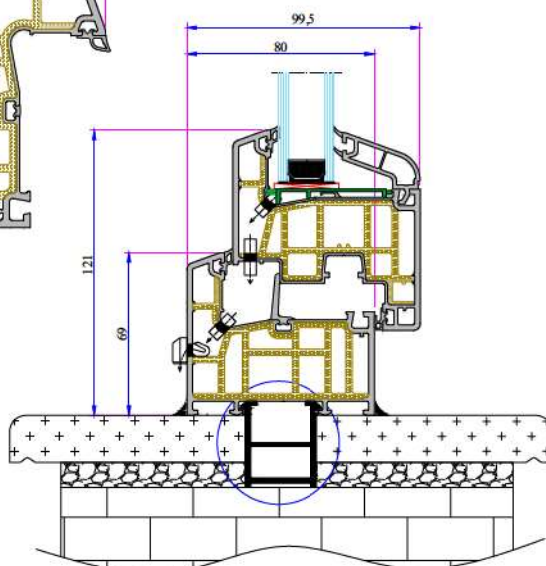
Frame Lifting Profile Installation



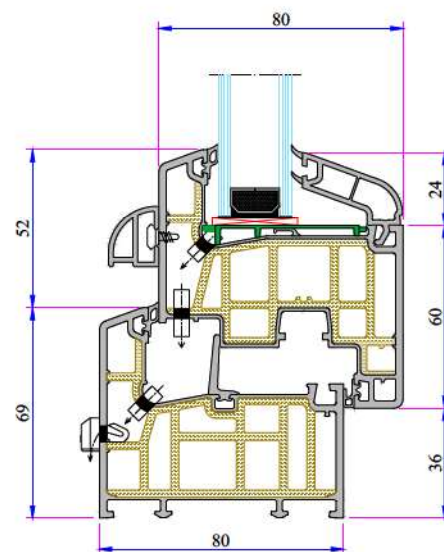
135° Corner Profile Installation



90° Corner Profile Installation



Frame Montage Profile Installation



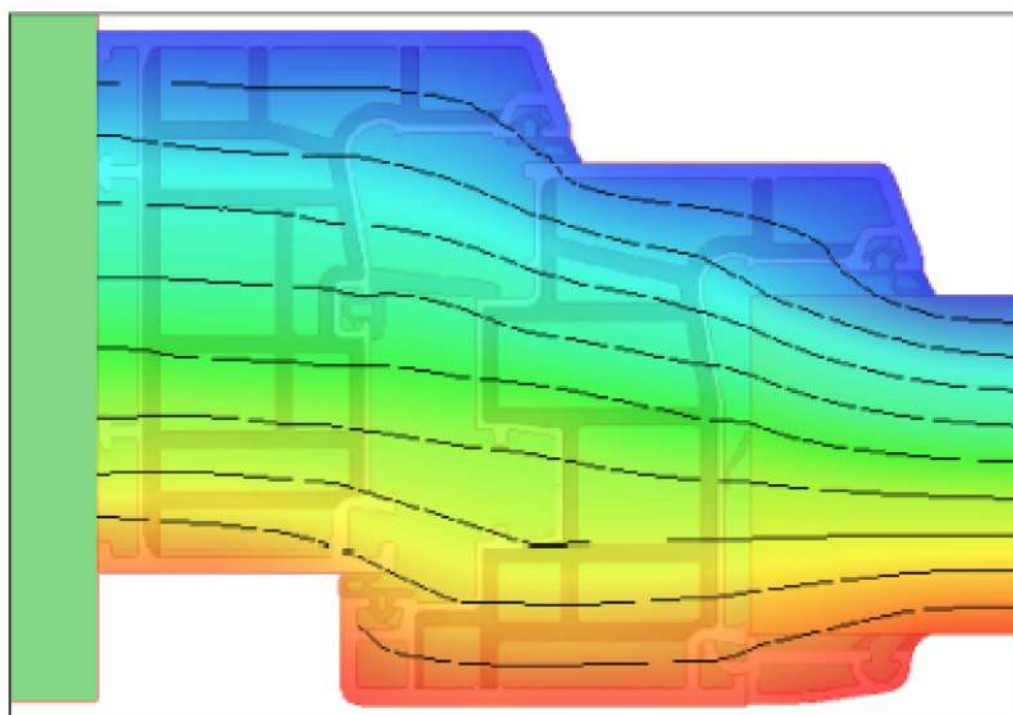
Offset Type Profile Profile Installation

Project name:	ADO 883 Seri 3		
	Comtal		
	Penwood Uf		
Transmittance (Uf):	0.9092 W/m ² K	Internal T:	20.00 °C
Conductance (Lf2D):	0.2329 W/mK	External T:	0.00 °C
Frame length (Bf):	122.00 mm		



Frame
Simulator

Thermal transmittance (Uf) computation performed in accordance with EN ISO 10077-2:2012



3.509 29.530

Node details

Primitives used for finite element simulation:	23713
Frame width (Bf):	122.00 mm
Visible insulation panel width (Bp):	195.00 mm
Insulation panel thickness (Dp):	55.00 mm

External boundary conditions:

Temperature:	0.00 °C
Surface resistance:	0.040 m ² K/W

Internal boundary conditions:

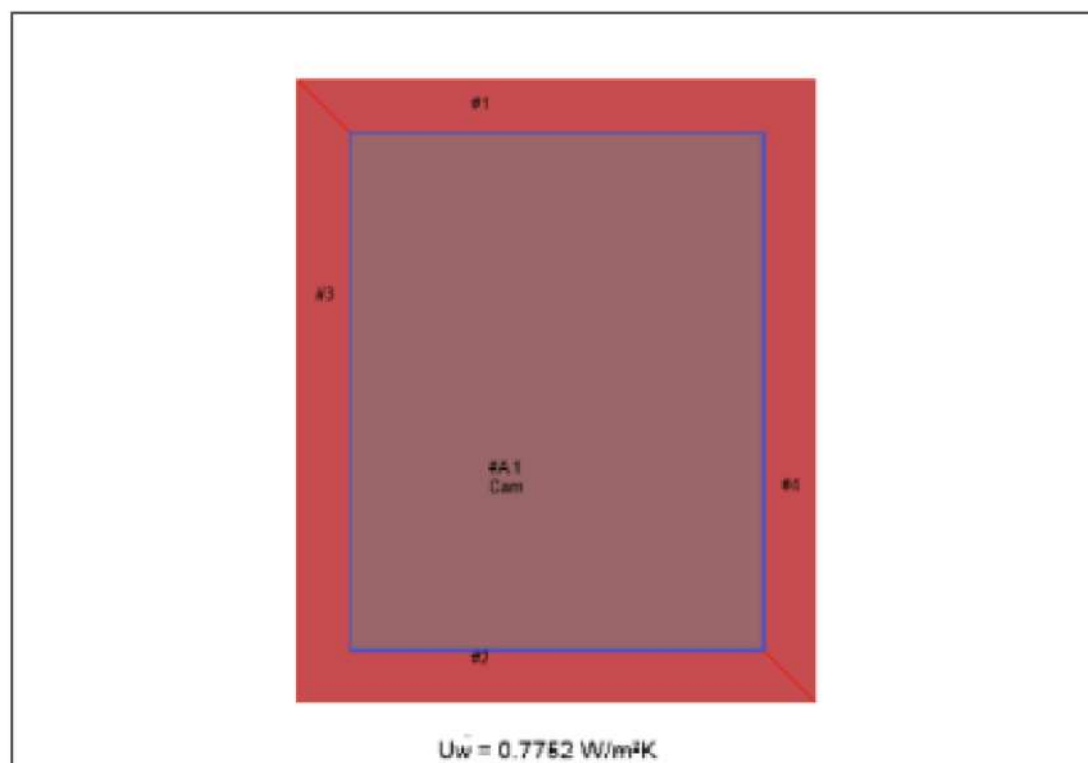
Temperature:	20.00 °C
Surface resistance:	0.130 m ² K/W
Humidity:	65.00 %

Results computed in accordance with EN ISO 10077-2:2012

Internal/external temperature difference:	20.00 °C
2D conductance (Lf2D):	0.2329 W/mK
Transmittance (Uf):	0.9092 W/m²K

Name	ADO 883 Seri 3 Contalı PENWOOD	 Frame Composer 3
Transmittance (Uw)	0.7752 W/m²K	

Computations performed in accordance with EN ISO 10077-1:2012



ADO 883 Seri 3 Contalı PENWOOD	
Width	1230.00 mm
Height	1480.00 mm
Total area	1.8204 m
U*A total	1.2783 W/K
ψ *L total	0.1329 W/K
Transmittance (Uw)	0.7752 W/m²K

# Node	U [W/m²K]	B [mm]	ψ [W/mK]
1 Top node	0.9053	123.71	0.0300
2 Bottom node	0.9053	123.71	0.0300
3 Left node	0.9053	123.71	0.0300
4 Right node	0.9053	123.71	0.0300

Name	U [W/m²K]	Width [mm]	Height [mm]	A [m²]	U*A [W/K]	Col.
#1	0.9053	1230.00	123.71	0.13686	0.1239	
#2	0.9053	1230.00	123.71	0.13686	0.1239	
#3	0.9053	123.71	1480.00	0.16778	0.1519	
#4	0.9053	123.71	1480.00	0.16778	0.1519	
#A1 Cam	0.6000	982.59	1232.59	1.21112	0.7267	



KOMPOZİT PENCERE

Sağlamlık Doğasında

www.penwood.com.tr

FABRIC

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