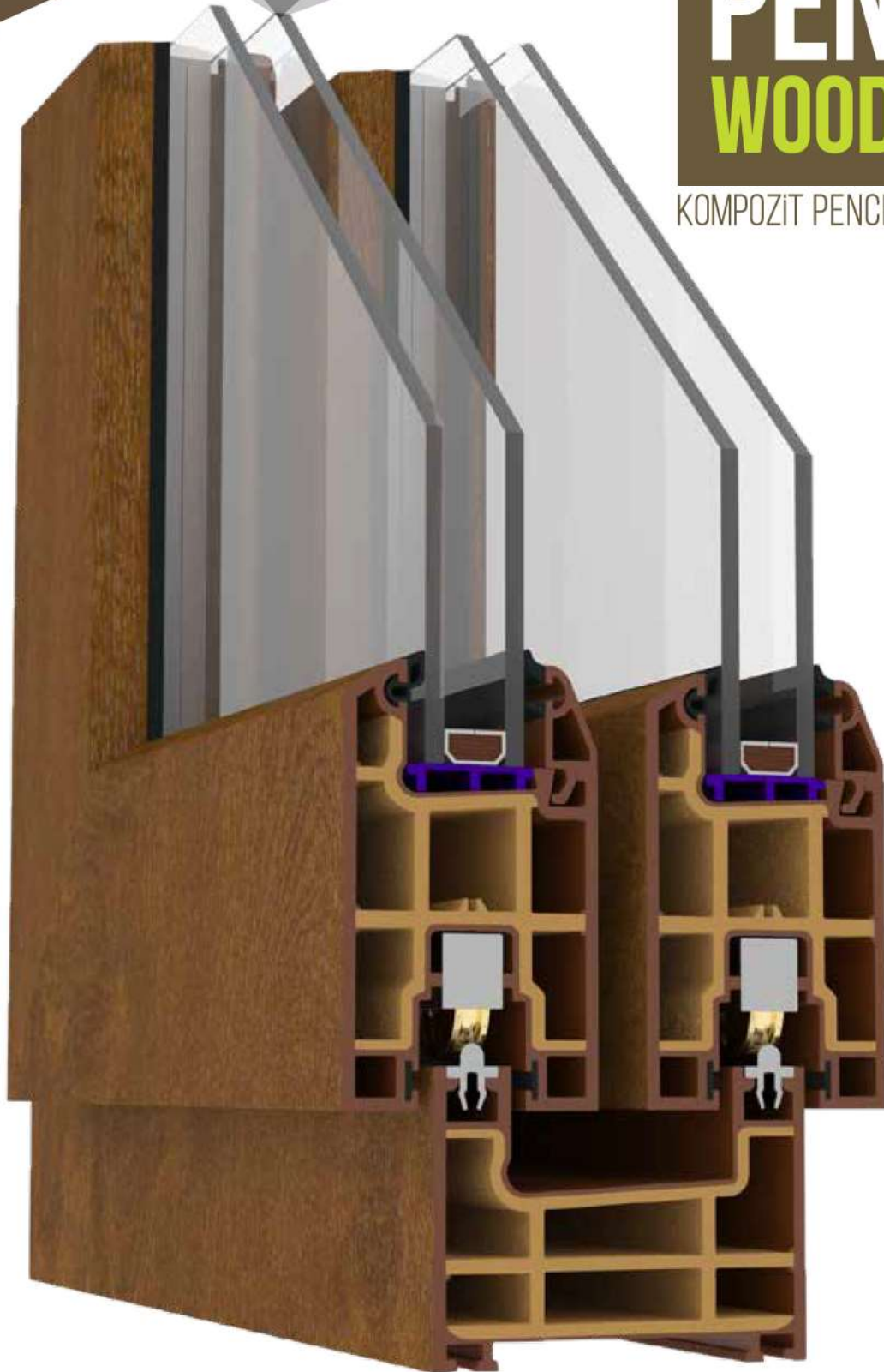




**232 SLIDING SERIE
PVC PROFILE SYSTEM**





TECHNICAL

PENWOOD 232 SLIDING SERIE

Profile Width: 75 mm double rail frame and 92,5mm single rail frame, 50mm sliding system sash profile

Number of chambers: 3 chambers system

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

Seal Type: The insulated bristle wick system

Glass Thickness (mm): 4-6, 20, 24 mm

The thermal insulation Uf: 1,43 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

· 75 mm double rail frame and 92,5 mm single rail frame, 50mm sliding system sash profile.

· No need for reinforcement cutting screwing unit and workman.

· Compared with metal reinforcement system profile Penwood systems have % 30 more advantage with max heat - sound and water insulation.

· Just cut and weld. You do not need Metal Reinforcement and extra stock area for Metal Reinforcement.

· It has water drainage channel, it can be directly drilled after cutting.

· The medium locked sash with a seal system.

· Application of single glaze (4-6 mm) and insulating glass 20-24 mm by grey sealed glazing beads in different tickness.

· In addition to main white profile, it has a different laminated color range.

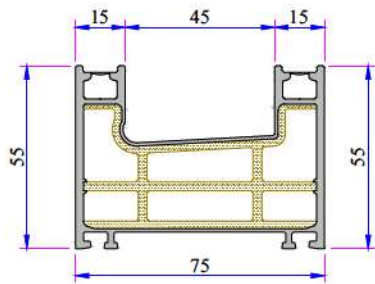
· It's quality is accredited by national and international certificate.

LAMINATED COLORS

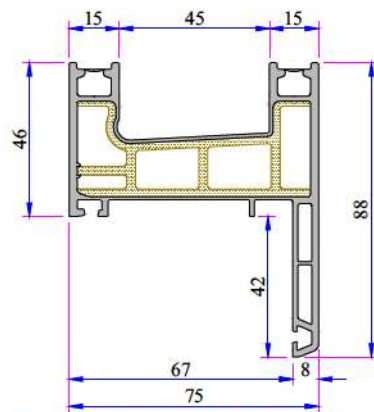
							
P. GOLDEN OAK ST 540	P. DARK OAK ST 541	SWAMP OAK ST 503	MAHOGANY ST 504	CHROME BLUE SB 511	GREY SAND AS 509	GREY SAND ST 509	GREY ST 507
							
ANT. GREY ST 508	ANT. GREY AS 508	ANT. GREY ST 516	SILVER TEAK SB 513	SILVER SB 518	DARK BLACK ST 520	NATURAL OAK HR 570	WHITE ST 517

PENWOOD 232 SLIDING SERIE

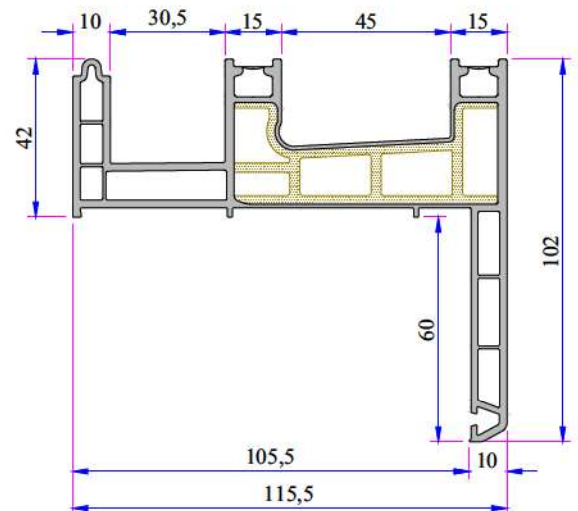
PVC PROFILE SYSTEM



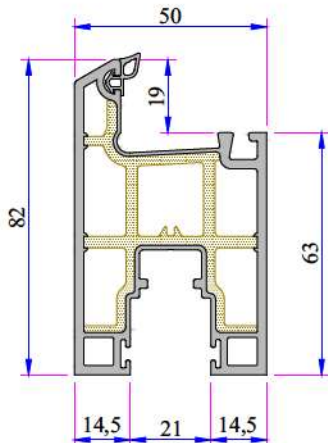
Penwood Frame Profile
(Double Rail)
232.1106.606.2.00.03



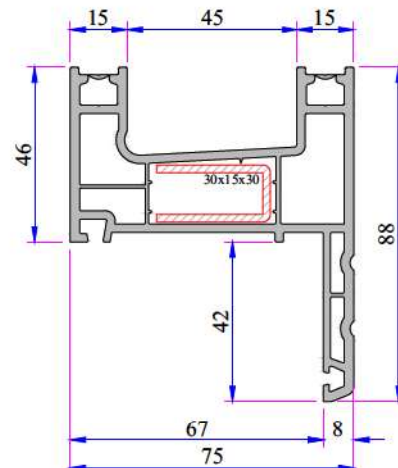
Penwood Frame Profile With Flat Sill
1107.1000.0.2



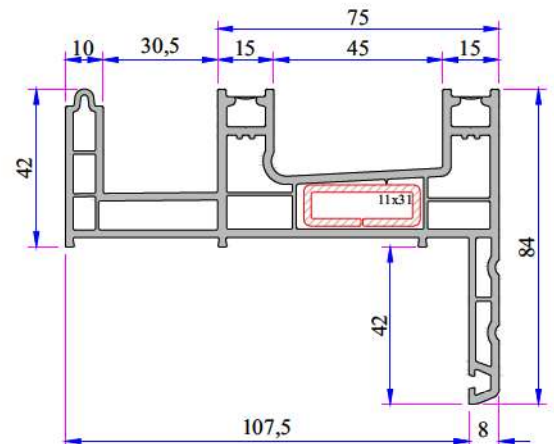
Penwood Frame With Fly-Screen&Sill
1109.600.2



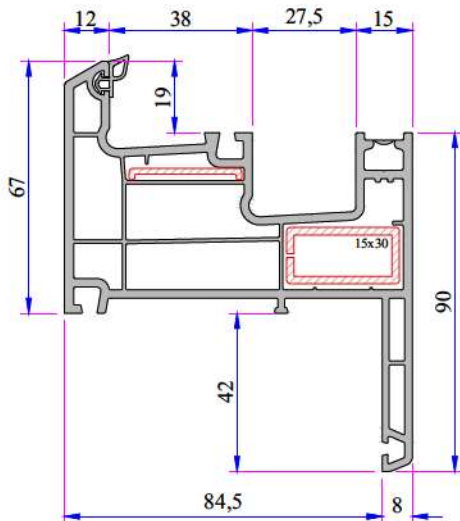
Sliding System Sash Profile
232.2308.600.2.BC.03



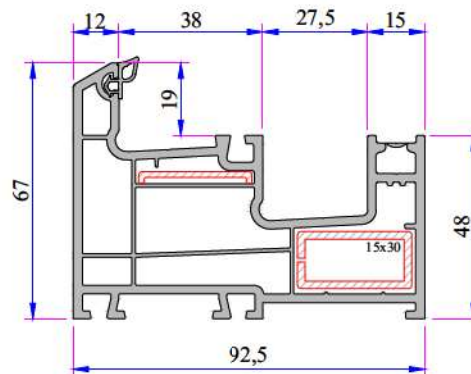
Frame Profile With Sill (Decorative)
232.1107.600.0.00.03



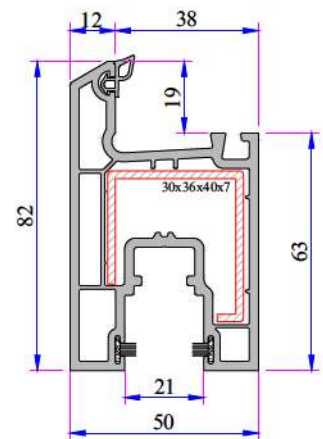
Frame With Fly-Screen&Sill
232.1109.600.0.00.03



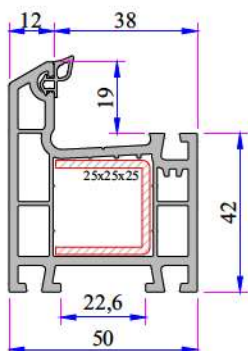
Frame Profile With Sill (Single Rail)
232.1114.600.0.00.03



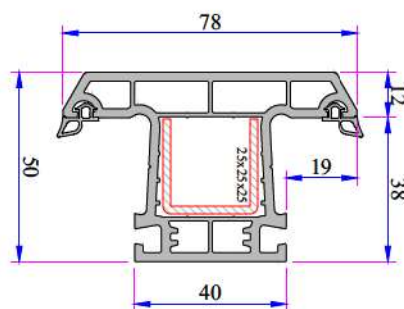
Frame Profile (Single Rail)
232.1105.600.0.BC.03



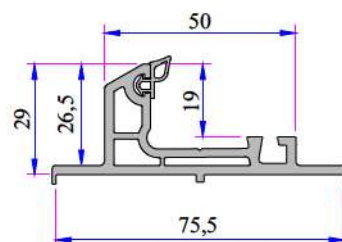
Sliding System Sash Profile (Static)
232.2308.600.0.BC.03



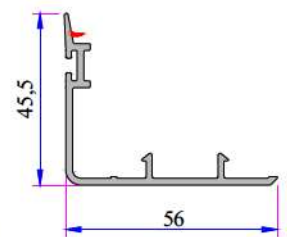
332 Frame Profile
332.1000.600.0.BC.03



332 Mullion Profile
332.3000.600.0.BC.03

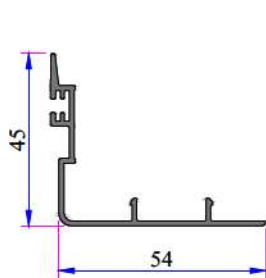


Double Rail Adaptör Profile
232.5800.600.0.BC.19

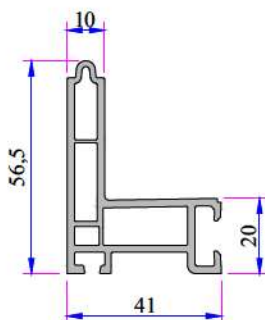


Sash Cover Profile
222.8700.600

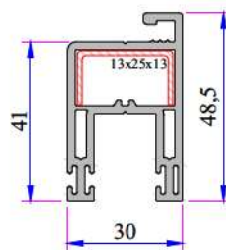
PENWOOD 232 SLIDING SERIE PVC PROFILE SYSTEM



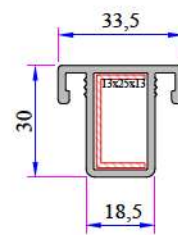
Alm. Sash Cover Profile
16051.601.5.1.1.9016



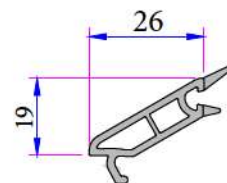
Screen Adaptör Profile
232.5802.600.0.00.19



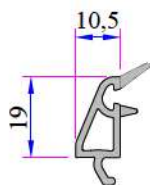
Sliding Screen Sash Profile
242.2305.600.0.00.03



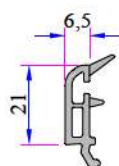
Sliding Screen Mullion Profile
242.3200.600.0.00.03



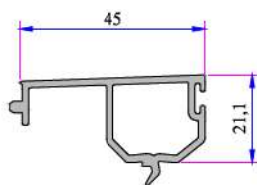
Single Glazing Bead (4mm)
332.4000.600.0.HC



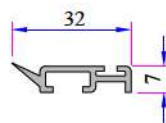
Double Glazing Bead (20mm)
332.4100.600.0.HC



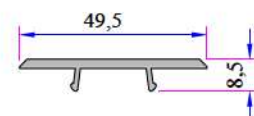
Double Glazing Bead (24mm)
532.4500.600.0.HC



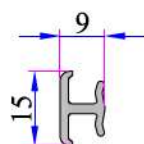
PVC Cover Profile
232.5702.600



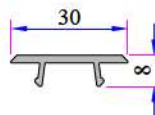
Lap Strip Profile
232.5301.600



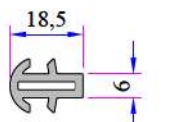
PVC Sash Cover Profile
232.5704.600



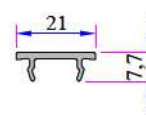
Universal Short Coupling Profile
099.5004



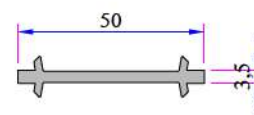
Screen Sash Cover Profile
242.5701.600



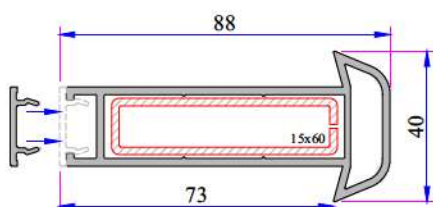
Short Coupling Profile
099.5003.600



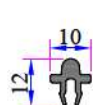
Universal Large Coupling Cover Profile
058.5707.600.0.00.19



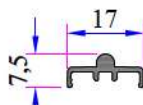
Narrow Coupling Profile
050.5001.600



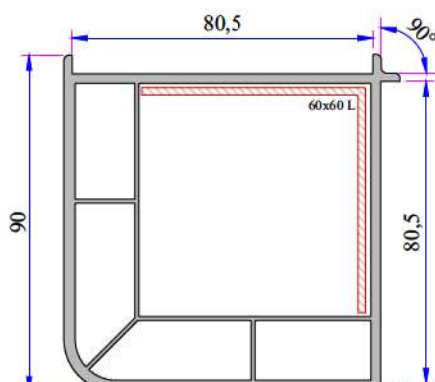
Universal Large Coupling Profile
058.5000.600.0.00.19



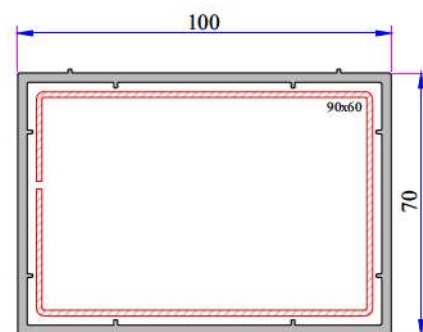
Alm. Sliding Rail Profile
16014.601.5.0.0.0000



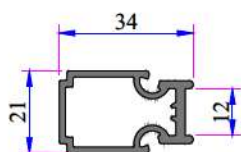
Alm. Sliding Rail Profile
11053.601.5.2.0.0000



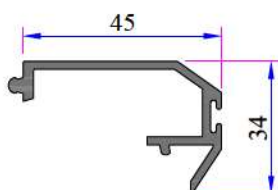
90° Corner Profile
080.5100.600.0.00.19



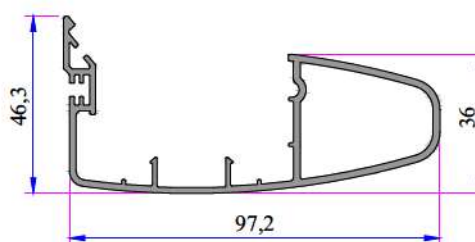
Box Profile (70*100)
070.5202.600.0.00.19



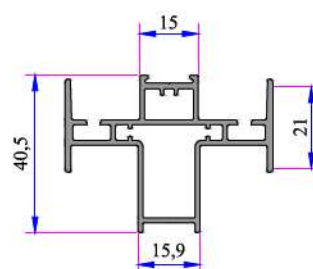
Alm. Double Rail Adaptor Profile
AD16-011(White)



Alm. Cover Profile
16013.601.5.2.0.0000

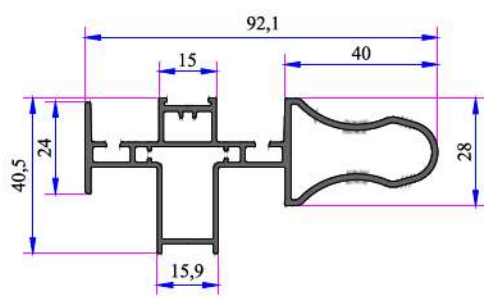


Sash Cover Grillage Profile
16028.601.5.2.0.0000

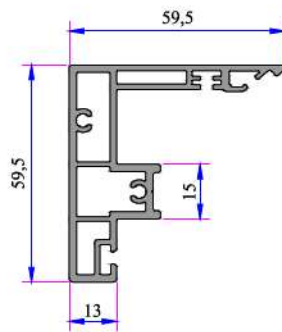


With Alum. Lug Double Sash Middle Adaptor (In Process)

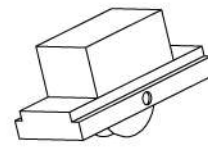
PENWOOD 232 SLIDING SERIE PVC PROFILE SYSTEM



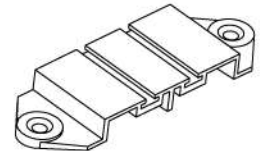
With Alum. Grillage Double Sash
Middle Adaptor (In Process)



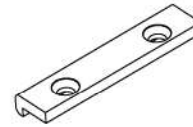
Alum. Sliding Mullion with 3
Chambered (In Process)



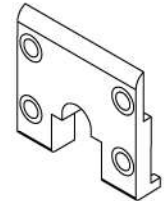
Sliding Roller Plastic
34009-17010



Sealing Bit Single Rail
34009-26020

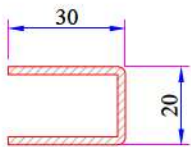


Upper bedding Piece for
Sliding Rail
34009-36010

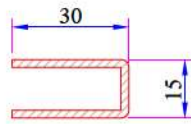


Sliding Sash End Bit
34009-46010

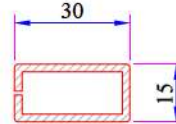
W 232 Sliding Re-Inforcement Profiles



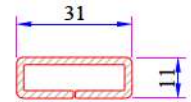
Double Rail Frame Profile
Reinforcement
34022-12006



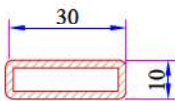
Frame Profile with Sill -
Frame Profile with Flat Sill
Reinforcement
34022-12034



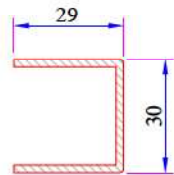
Frame Profile (Single Rail)-
Frame Profile With Sill (Single
Rail) Reinforcement
34022-12125



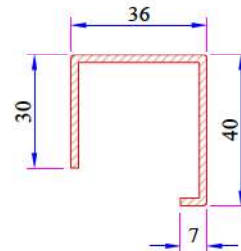
Frame With Fly-Screen&Sill
Reinforcement
34022-12107



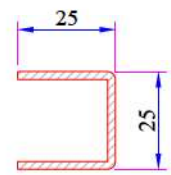
Frame With Internal Fly-
Screen Reinforcement
34022-12107



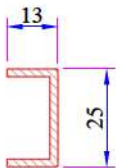
Sliding System Sash
Profile Reinforcement
34022-12002



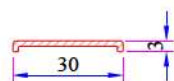
Sliding System Sash Profile
(Static) Reinforcement
34022-12107



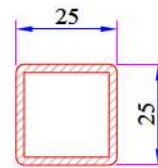
332 Frame- Mullion Profile
Reinforcement
34022-12003



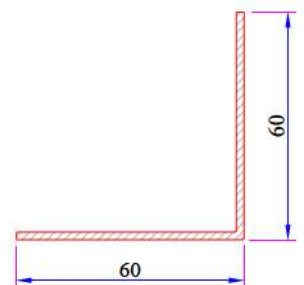
Fly-Screen Sash - Fly-Screen
Mullion Profile Reinforcement
34022-12008



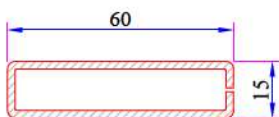
Frame Profile (Single Rail)-
Frame Profile With Sill (Single
Rail) Reinforcement
34022-12035



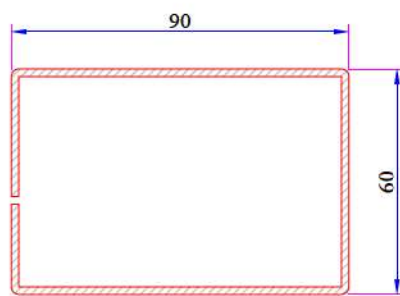
Mullion Profile Static
Reinforcement
34022-12122



90° Corner Profile
Reinforcement
34022-12306

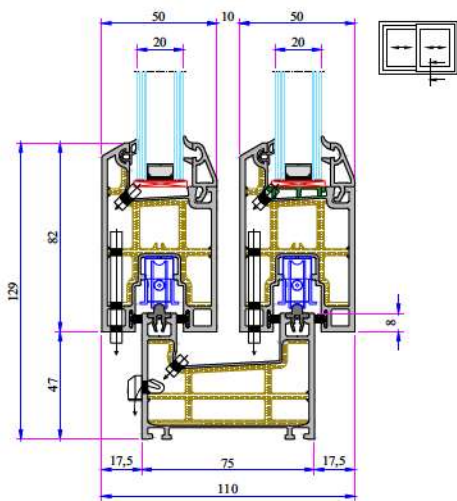


Universal Large Coupling
Profile Reinforcement
34022-12123

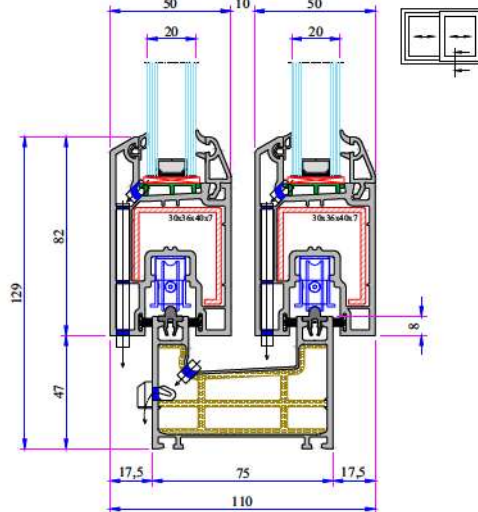


Box Profile Reinforcement
34022-12121

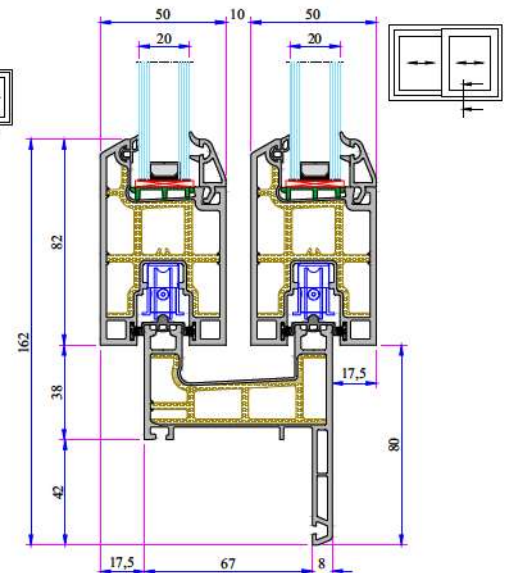
Penwood 232 Sliding Installation



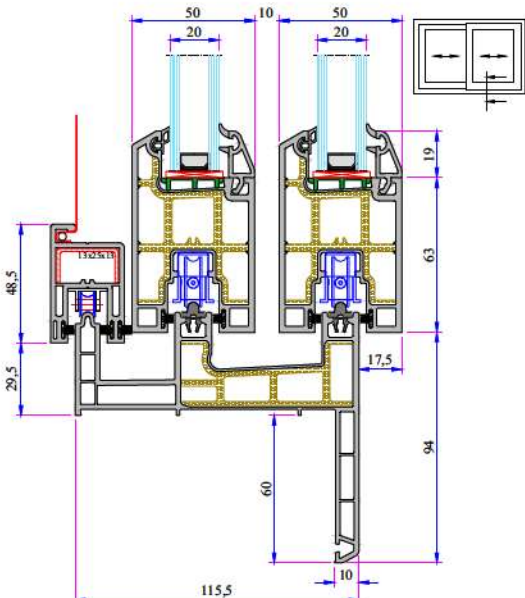
Sliding Frame Sash Double Rail Installation



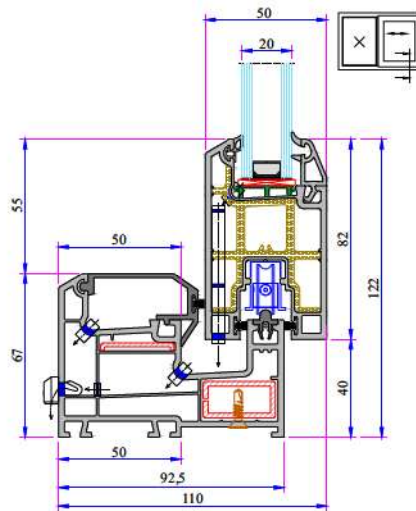
Sliding Frame Static Sash Double Rail Installation



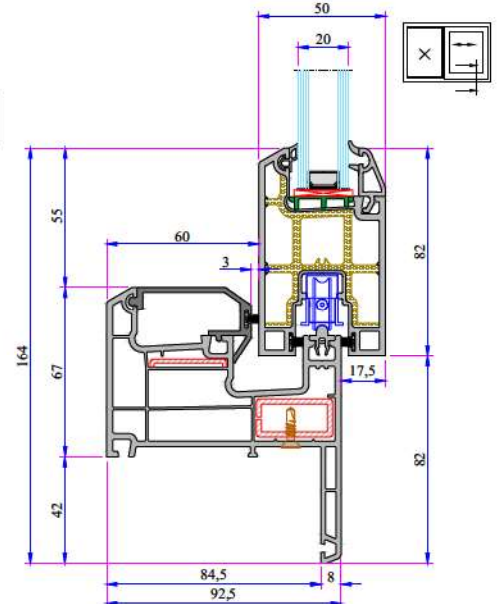
Double Sliding Frame with Sill - Sash Installation



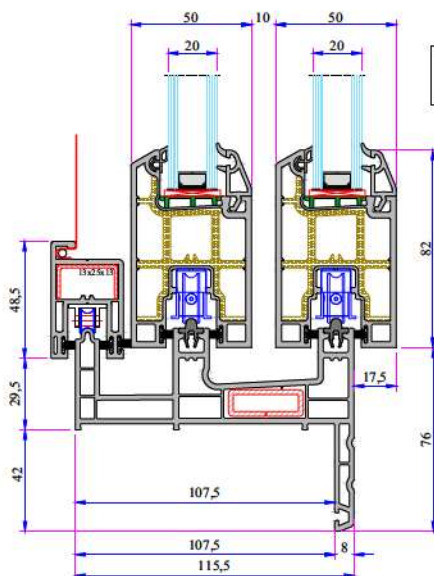
Double Sliding Frame with Sill (60mm) - Sash Installation



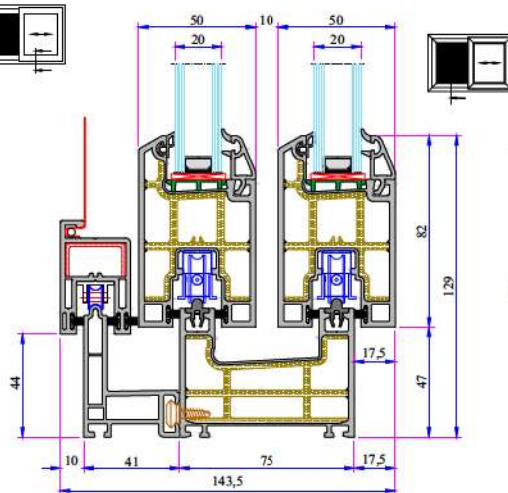
Sliding Frame Sash Single Rail Installation



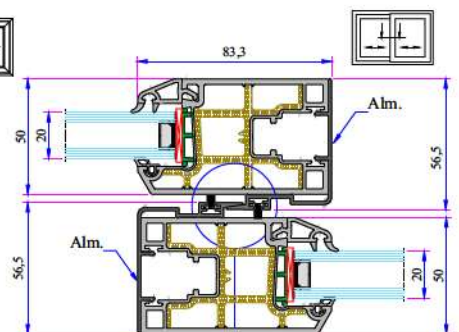
Frame Profile With Sill (Single Rail) - Sash Installation



Sliding Frame - Sash - Screen - Sash Installation



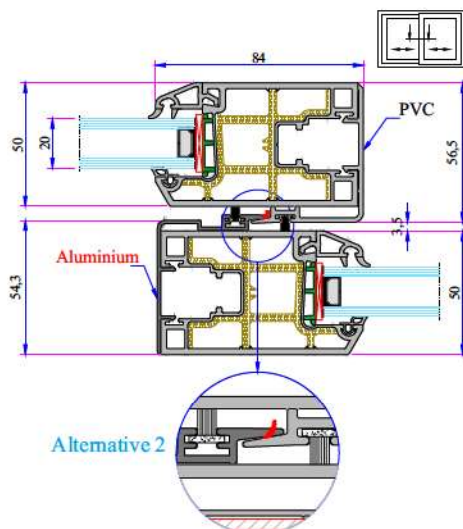
Double Rail Sliding Frame - Sliding Sash - Screen Adaptor Profile Installation



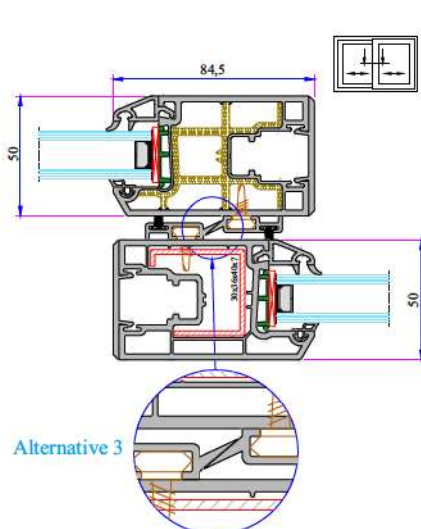
Alternative 1

Alm. Sash Cover Profile Installation

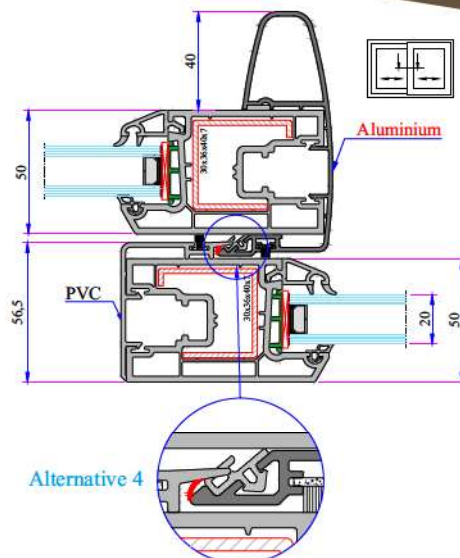
PENWOOD 232 SLIDING SERIE PVC PROFILE SYSTEM



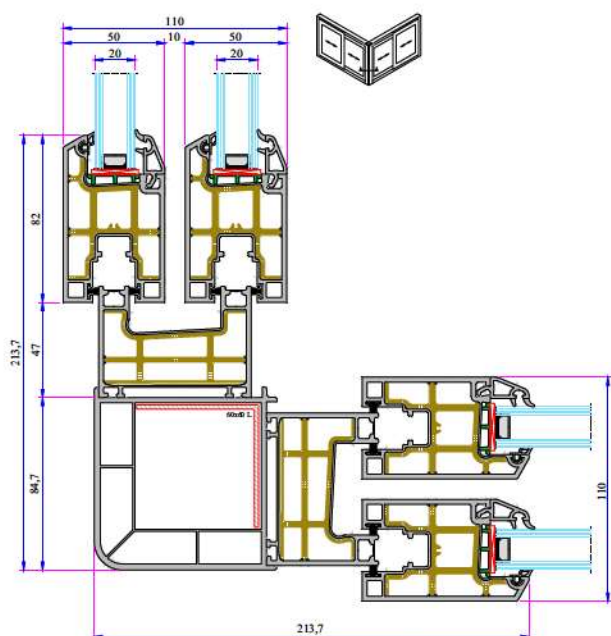
Alternative 2
PVC and Aluminium Sash
Cover Installation



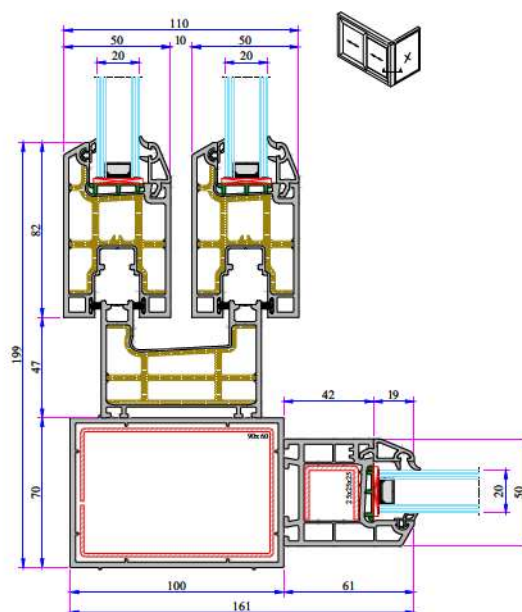
Alternative 3
Sash Cover and Lap Strip
Profile Installation



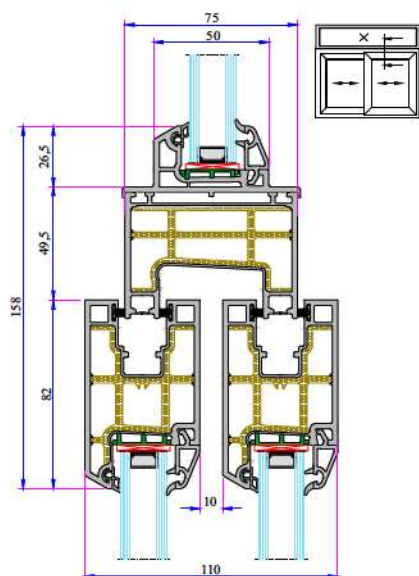
Alternative 4
Alm. Sash Cover Griyaj Profile
Installation



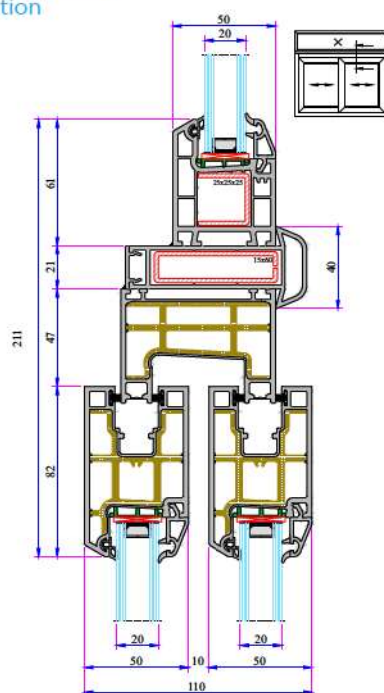
90° Corner Profile Installation



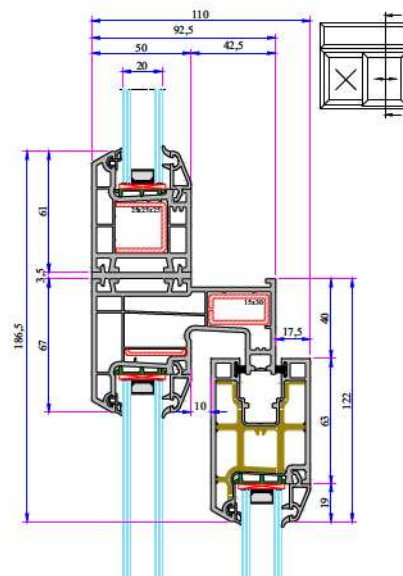
Box Profile Installation (70*100)



Top Fixed - Bottom Double
Rail Sliding Installation



Large Coupling Profile
Installation

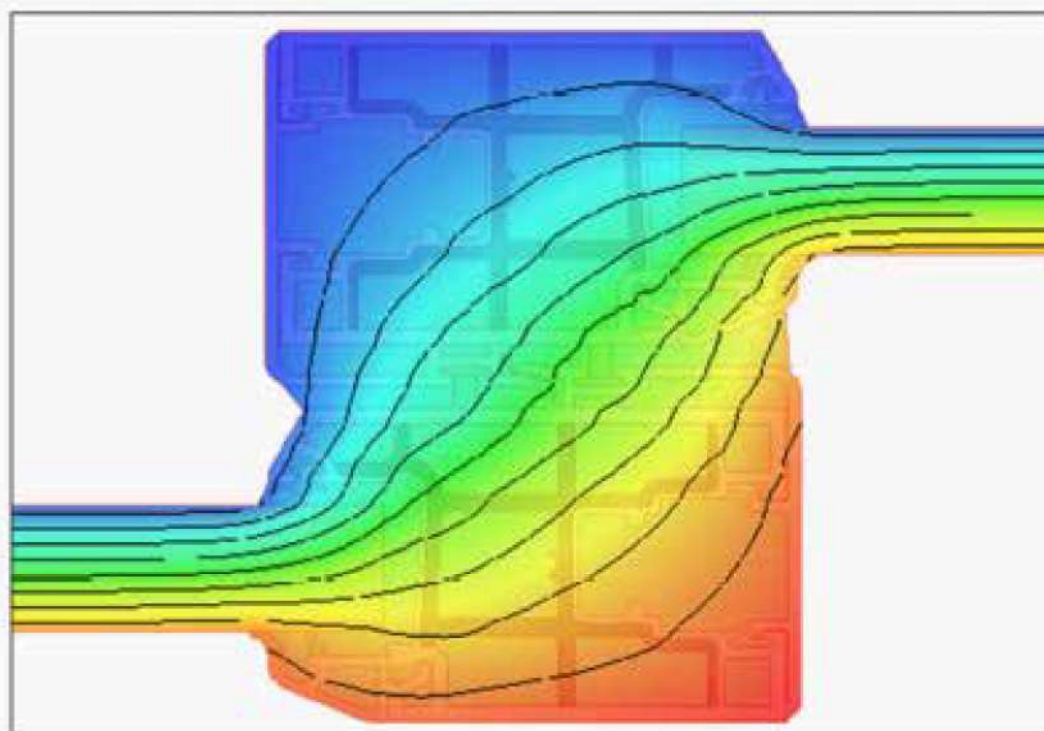


Top Fixed - Bottom Single Rail
Sliding Installation

Project name:	232 Penwood Sliding Sash-Sash Uf	Internal T:	20.00 °C
Transmittance (Uf):	1.4336 W/m²K	External T:	0.00 °C
Conductance (Lf2D):	0.6345 W/mK		
Frame length (Bf):	85.08 mm		



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



0.08 19.38

Node details

Primitives used for finite element simulation:	28461
Frame width (Bf):	85.08 mm
Visible insulation panel width (Bp):	380.01 mm
Insulation panel thickness (Dp):	-

External boundary conditions:

Temperature:	0.00 °C
Surface resistance:	0.040 m²K/W

Internal boundary conditions:

Temperature:	20.00 °C
Surface resistance:	0.130 m²K/W
Humidity:	65.00 %

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

Internal/external temperature difference:	20.00 °C
2D conductance (Lf2D):	0.6345 W/mK
Transmittance (Uf):	1.4336 W/m²K



KOMPOZIT PENCERE

Sağlamlık Doğasında

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FABRIC

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