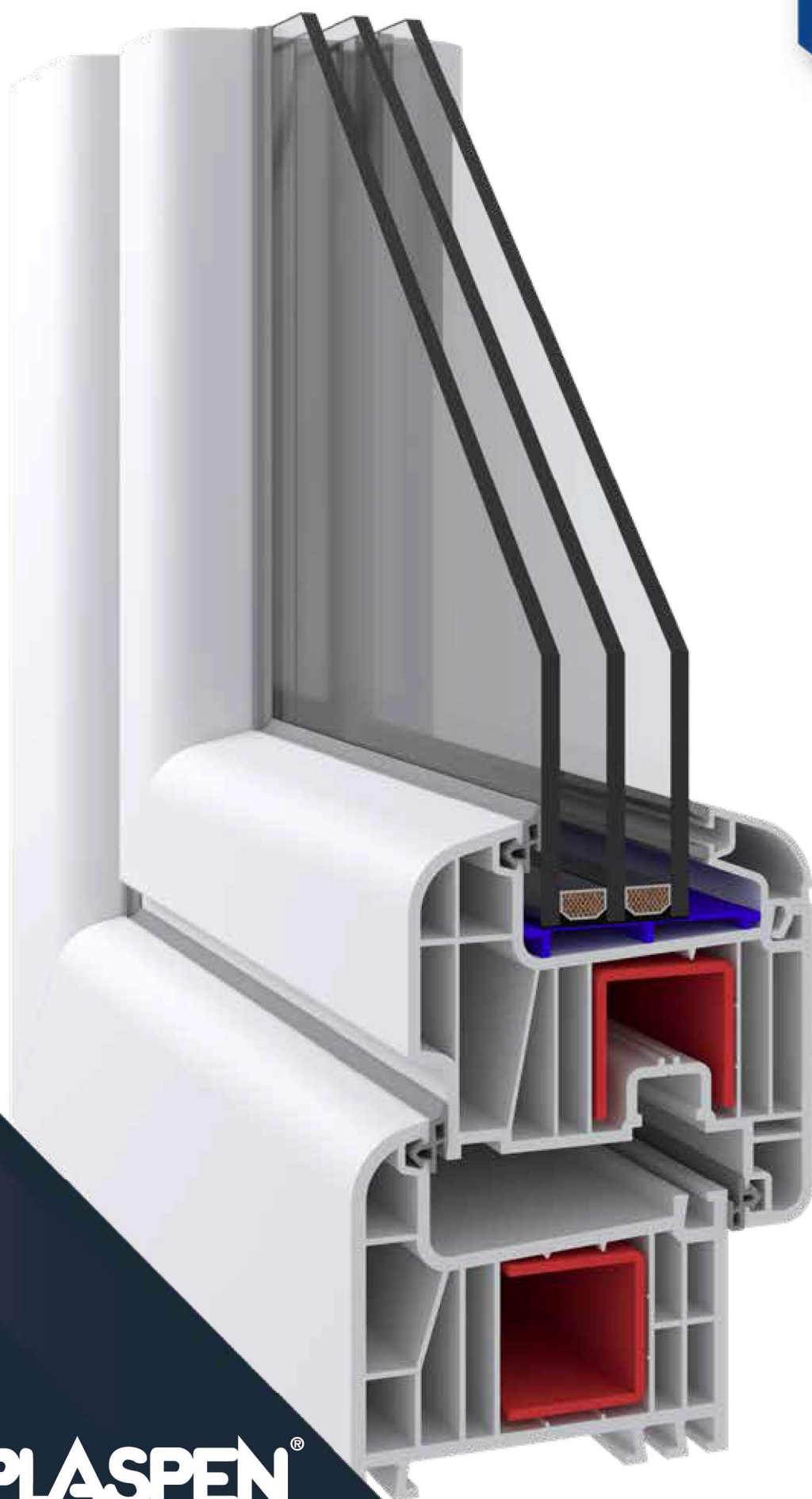
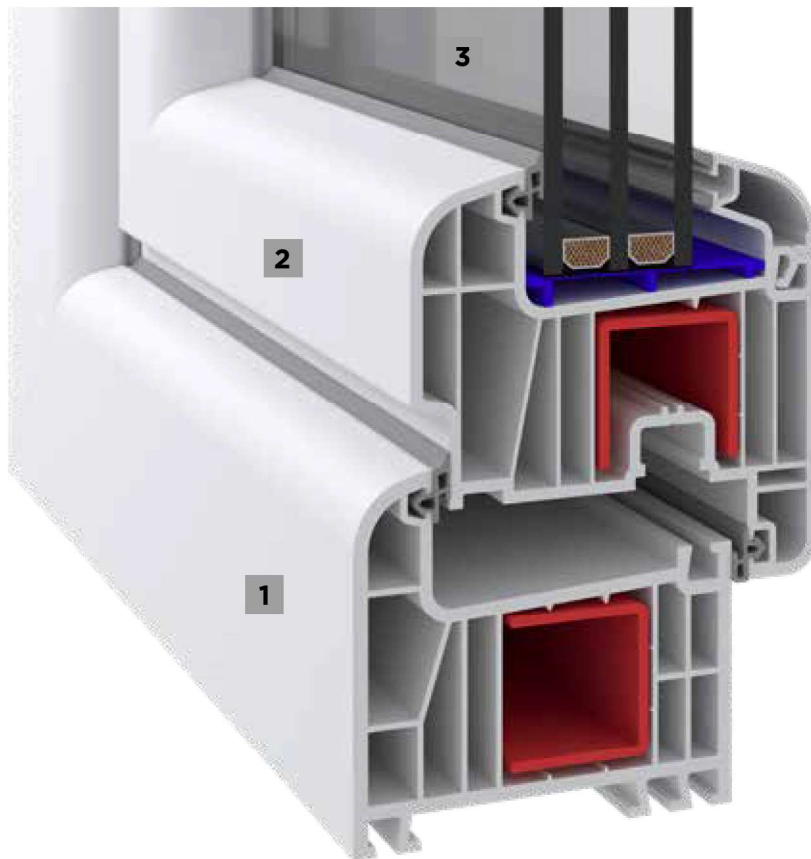




PLASPEN®

**P 80 SERIES
PVC PROFILE SYSTEM**



TECHNICAL

P 80 SERIES

Profile Width: 80 mm

Number of chambers: 6

Profile Class: A Class (TS EN 12608-1) / RAL 716-GZ A Class

Seal Type: External / Internal double seal system

Seal Type and Color: TPE - Grey /Black

Glass Thickness (mm): 24, 32, 42 mm

The thermal insulation Uf: 1,2 W/m²K

- 1** Frame 6 chambers system.
- 2** Offset and flat sash option
- 3** Double and triple glass option.

INSTRUCTION

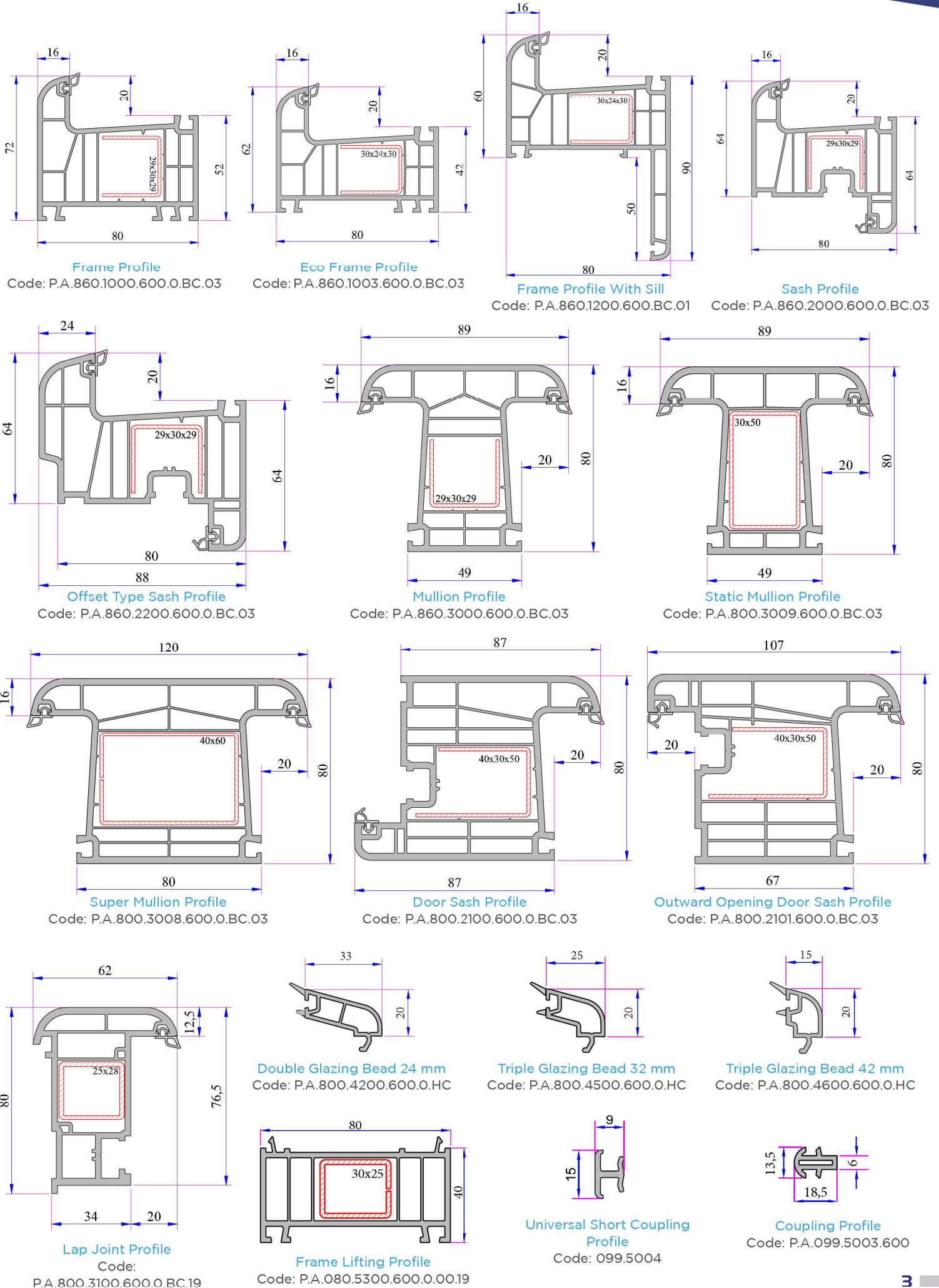
- The profiles have 80 mm width.
- Because of the elastic grey and black seal which does not leave any stain on profiles will be provided maximum air, water, dust and sound isolation.
- Due to the 6 chambers profiles, it has maximum performance for thermal, sound and water isolation.
- It is a series of profiles with very special design that provides maximum wind resistance on high rise buildings.
- Excluding normal sash profile there is also chance to have a choice for offset type sash profile.
- In addition to white profile a different laminated color range is available.
- Application of 24, 32, 42 mm glazing beads give us alternatives of using double, triple glazing and panels.

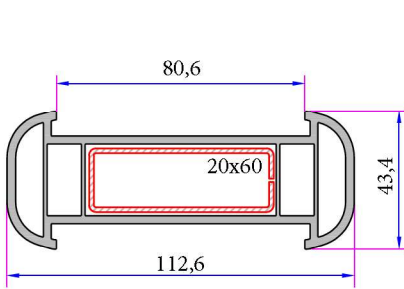
LAMINATED COLORS



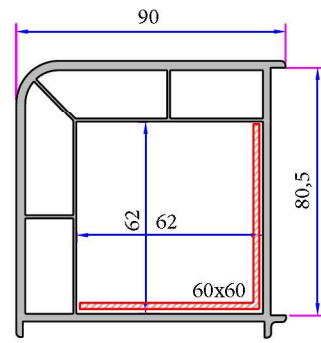
P 80 SERIES

PVC PROFILE SYSTEM

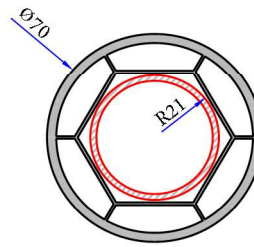




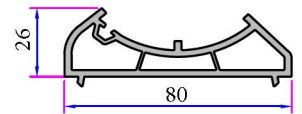
Large Coupling Profile
Code: P.A.080.5000.600.0.00.19



90° Corner Profile
Code: P.A.080.5100.600.0.00.19

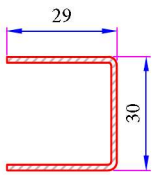


Pipe Profile
Code: P.A.070.5106.600

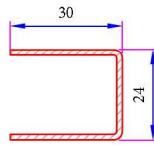


Corner Lag Profile
Code: P.A.080.5104.600.0.00.19

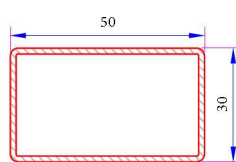
P 80 Re-Inforcement Profiles



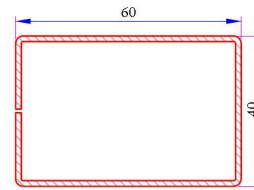
Lap Joint Profile Reinforcement
Code: 34022-12002



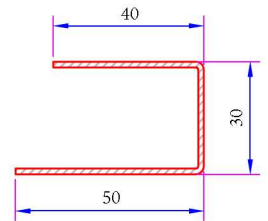
Eco Frame Reinforcement
Code: 34022-12004



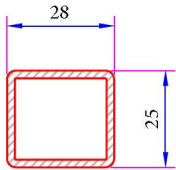
Static Mullion Reinforcement
Code: 34022-12111



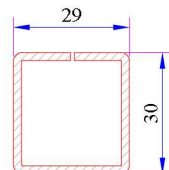
Super Mullion Reinforcement
Code: 34022-12110



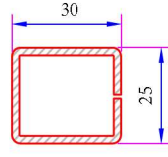
Door Sash - Outward Opening Door Sash Reinforcement
Code: 34022-12014



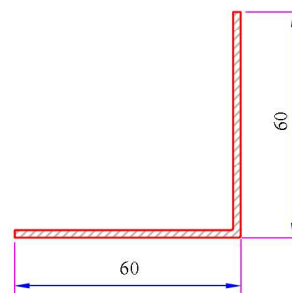
Lap Joint Frame Lifting Profile Reinforcement
Code: 34022-12117



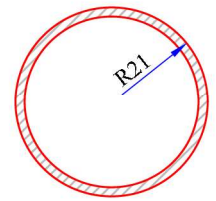
Mullion Profile Static Reinforcement
Code: 34022-15129



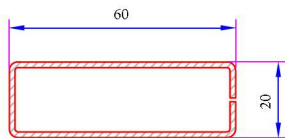
Frame Lifting Profile Reinforcement
Code: 34022-12119



90° Corner Profile Reinforcement
Code: 34022-12306

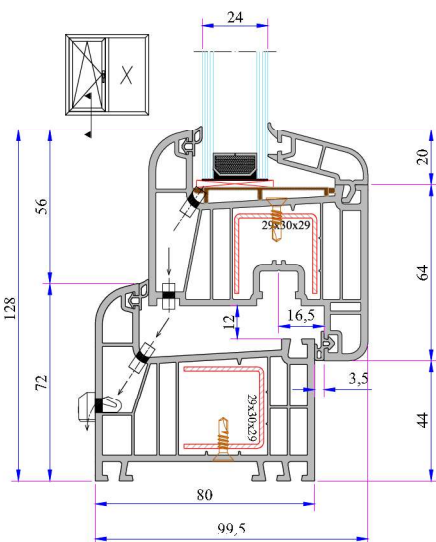


Pipe Profile Reinforcement
Code: 34022-12502

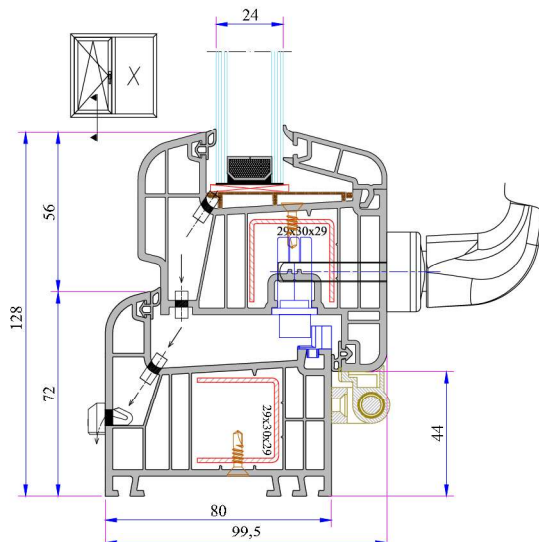


Large Coupling Profile Reinforcement
Code: 34022-12106

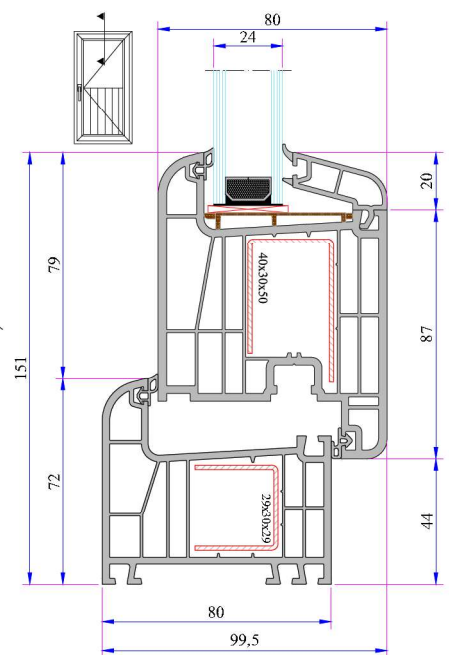
W 80 Installation



Frame Sash Installation



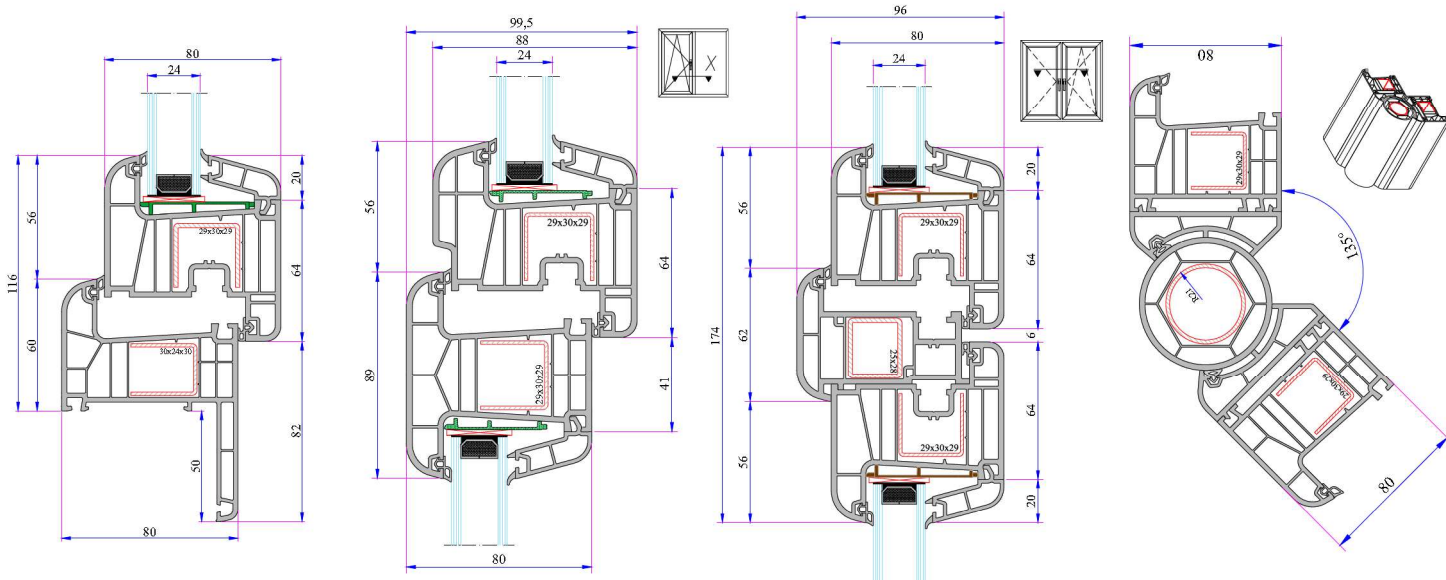
Frame - Offset Type Sash Installation



Frame - Door Sash Installation

P 80 SERIES

PVC PROFILE SYSTEM

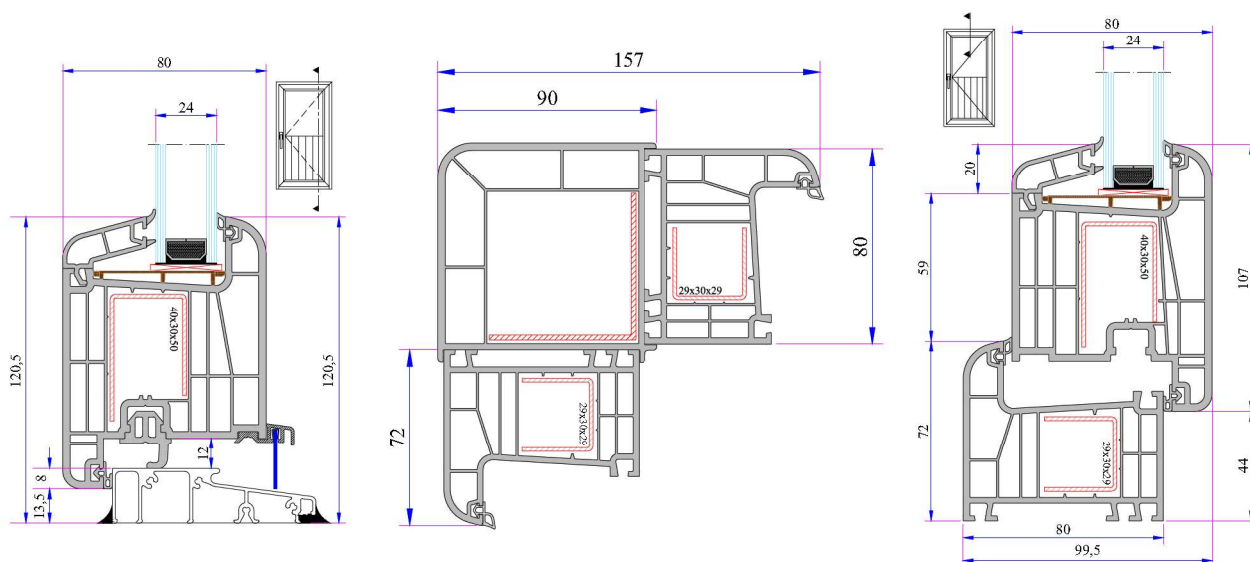


Frame Profile with Sill - Sash Installation

Sash - Mullion Profile Installation

Sash - Lap Joint Installation

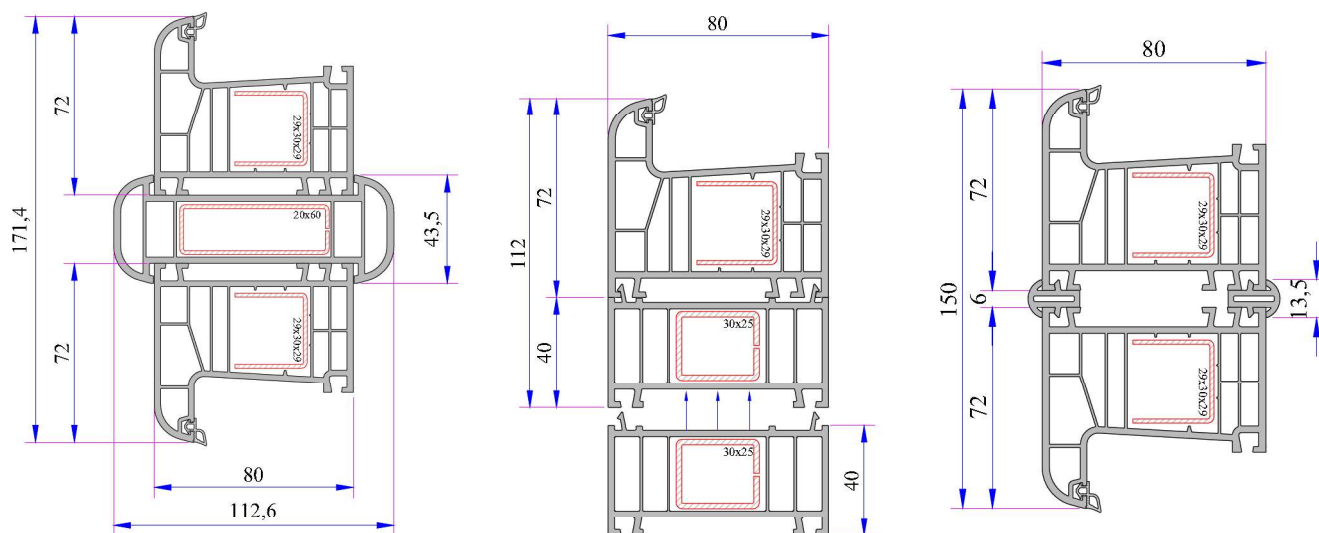
Pipe Profile Installation



With Aluminium Threshold - Door Sash Installation

90° Corner Profile Installation

Frame - Outward Opening Door Sash Installation



Large Coupling Installation

Frame Lifting Installation

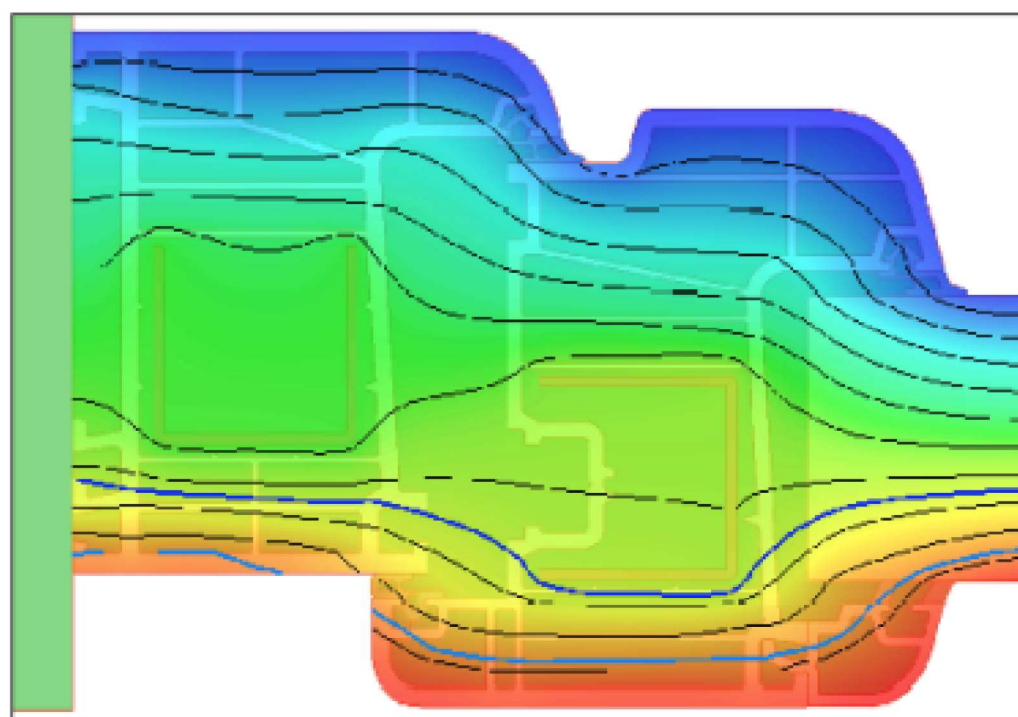
Short Coupling Installation

Project name:	800-860 SERIE	ADOPEN
Transmittance (Uf):	1.2000 W/m ² K	Internal T: 20.00 °C
Conductance (Lf2D):	0.2927 W/mK	External T: 0.00 °C
Frame length (Bf):	128.00 mm	



Frame
Simulator 2

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



0.29 18.10

Node details

Primitives used for finite element simulation:	19831
Frame width (Bf):	128.00 mm
Visible insulation panel width (Bp):	190.55 mm
Insulation panel thickness (Dp):	46.20 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:	-

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

Internal/external temperature difference:	-
2D conductance (Lf2D):	0.2927 W/mK
Transmittance (Uf):	1.2000 W/m ² K



FACTORY

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