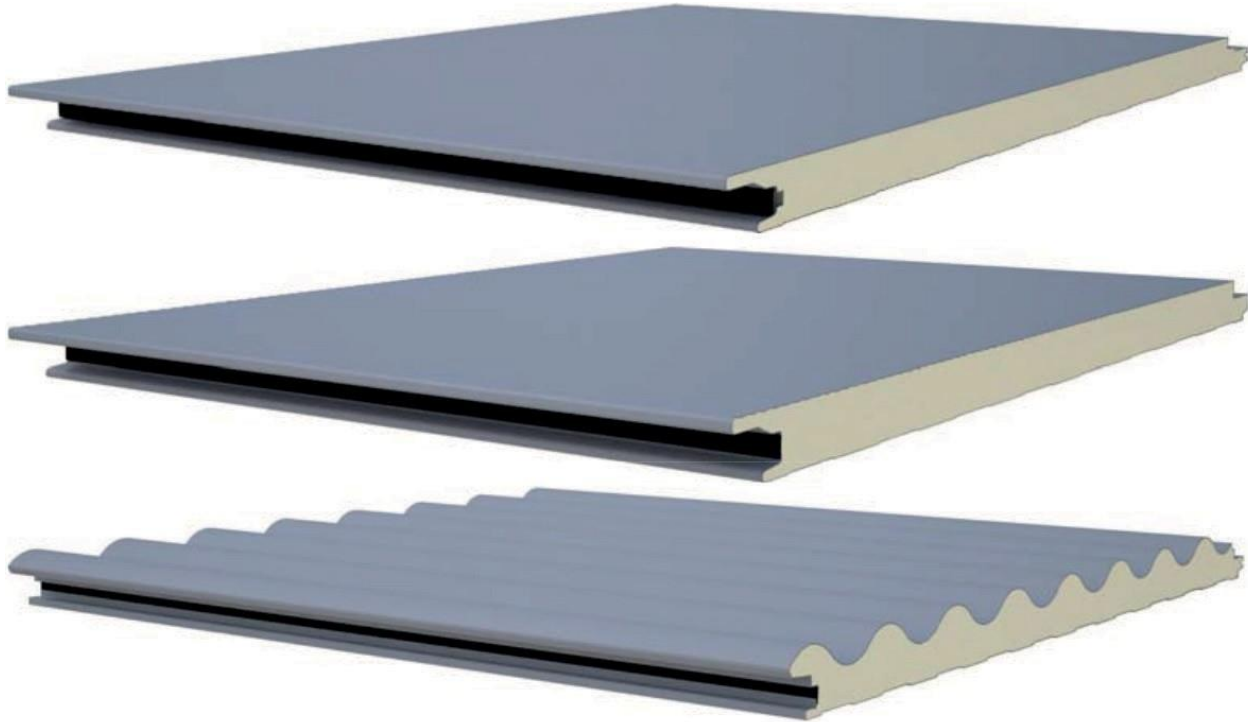
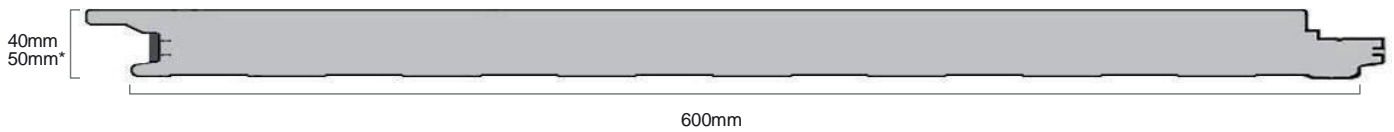


Product Data Sheet
Architectural Facade Panel - PF 600



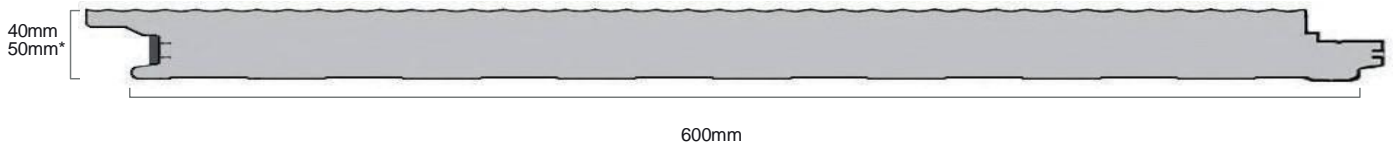
Smooth finish (L)

Design PF 600 L



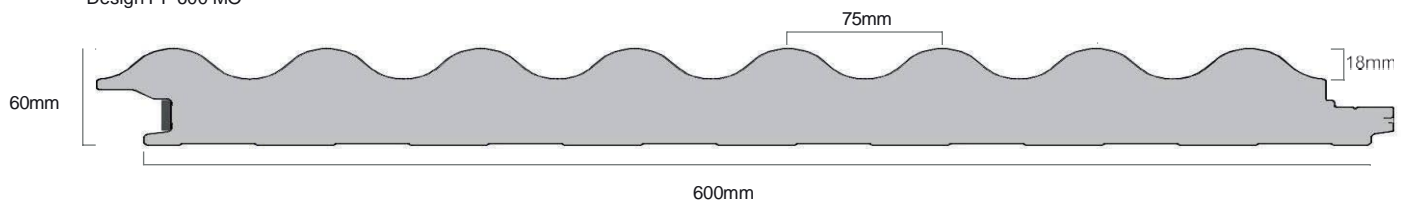
Microprofiled finish (M)

Design PF 600 M



Mini wave finish (MO)

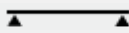
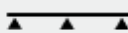
Design PF 600 MO



This product meets the requirements of Regulation (EU) No 305/2011 of the European Parliament and of the Council laying down harmonized conditions for the marketing of construction products and complies with Annex ZA of Standard EN 14509:2013

<u>Designation:</u>	PF 600 Isothermal panel for façade cladding, with concealed fixing.
<u>Application:</u>	Panel designed for cladding exterior façades. It can be applied vertically or horizontally. Its hidden fixing system protects the fixing elements and gives it an aesthetically pleasing visual appearance.
<u>Description:</u>	<p>It consists of two profiled steel sheets interconnected by rigid polyurethane foam insulation (PUR B3, PUR B2) or polyisocyanurate (PIR), providing excellent mechanical behavior and the highest thermal insulation.</p> <p>It is produced with a useful width of 600 mm. It fits laterally with other panels to cover a surface. It is fixed with a self-drilling screw in the fitting area.</p>
<u>Dimensions:</u>	
Thickness:	40 e 50 mm 60 mm (only for PF 600-60 MO) A tolerance of +/- 2 mm
Useful width:	600 mm A tolerance of +/- 2 mm
Length:	According to the customer's request and subject to the following limits: Minimum: 2.500 mm Maximum: 6.000 mm* (except on foam panel PIR) A tolerance of +/- 10 mm is allowed for lengths > 3.000 mm * On request for other sizes
<u>Base materials:</u>	
Metal support:	<ul style="list-style-type: none">- Rolled steel (EN 508; EN 10143), galvanized (EN 10346) and pre-painted (EN 10169)- Rolled aluminum alloy, pre-treated and lacquered (EN 485-2, EN1396) On request- Laminated copper (EN 1172) On request Note: sheet thickness subject to consultation
Coating:	<ul style="list-style-type: none">- <i>Standard:</i> 5 µm primer + polyester paint 20 µm- For special applications On request: PVDF, HDX
Insulating core:	<ul style="list-style-type: none">- Rigid polyurethane foam – PUR B3, no reaction to fire class- Rigid polyurethane foam – PUR B2, with reaction to fire class of B s2 d0- Rigid polyisocyanurate foam – PIR, with reaction to fire class of B s1 d0<ul style="list-style-type: none">• Average density: 40 kg/m³ ± 10%• Thermal conductivity λ= 0.025 W/m.K• Foam free of CFC's
Mechanical characteristics:	A Adhesion (tensile strength on support) > 0.018 MPa Compressive strength at 10% deformation > 0.100 MPa

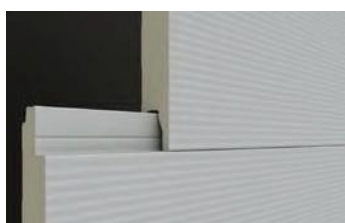
Characteristics:

Nominal panel thickness (mm)	Thermal thermal (W/m ² K)	Panel weight (Kg/m ²)			Maximum flexion = 1/200L Uniformly distributed load										
		PF 600													
		L/LJ 0,7/0,4 mm	M 0,5/0,4 mm	MO 0,5/0,4 mm	Kg/ m ²	40	60	80	100	120	40	60	80	100	120
40	0.82	11.0	9.2	-	Maximum distance (cm)	362	316	287	267	251	491	429	390	362	341
50	0.66	11.6	9.7	-		423	369	336	312	293	574	502	456	423	398
60	0.68	-	-	9.7		442	386	350	325	305	599	524	476	442	415

Finishes:



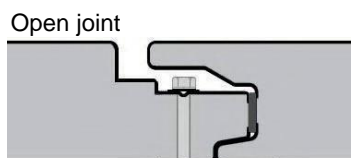
Smooth finish (L)



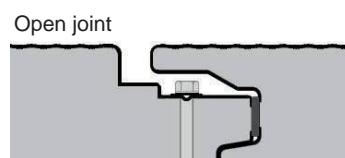
Micro-perforated finish (M)



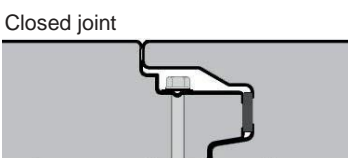
Mini wave finish (MO)



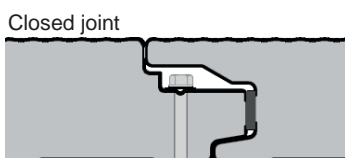
Assembly detail



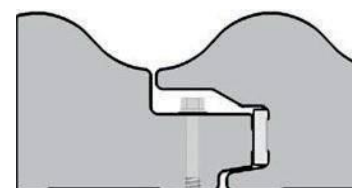
Assembly detail



Assembly detail







Assembly detail



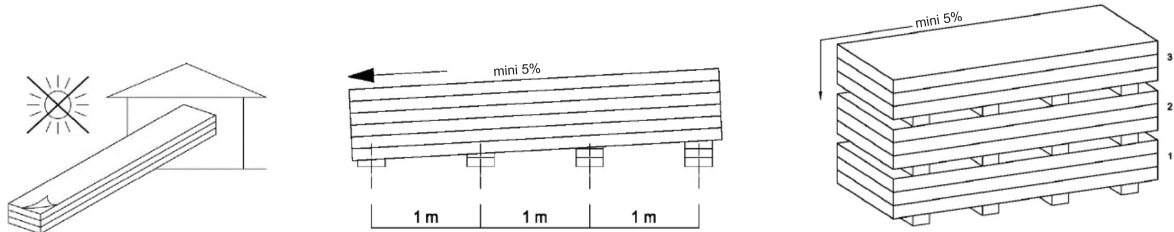
Assembly detail

Recommended accessories:

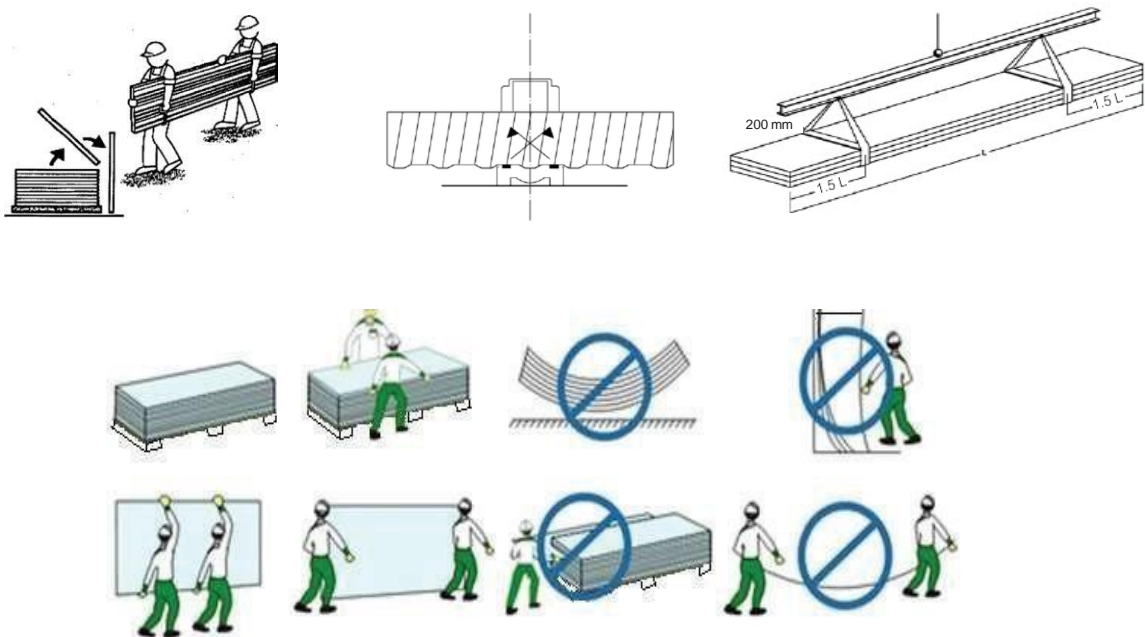
	AC.001 Intermediate profile 40mm		P.005 Initial support piece
	AC.002 Corner profile 40mm		AC.003 Initial profile 40mm

Other recommendations:

1. Storage:



2. Panel application



3. Environmental recommendations

The isothermal panel is a product made up of two different materials: metal and polyurethane foam.

Due to the absence of really dangerous or toxic additives encapsulated in the polyurethane polymer, the foam is considered an inert material, presenting no risk to the environment.

At the end of the product's life, its components must be separated:

- The **sheet** metal should be sent as scrap with the respective code **LER 20 01 40**.
- The **polyurethane** should be disposed of as waste insulation material whose **Code LER 12 01 99**.
- The **packaging** used to pack the batch of panels is made up of plastic materials such as stretch film and styrofoam code **LER 15 01 02**.