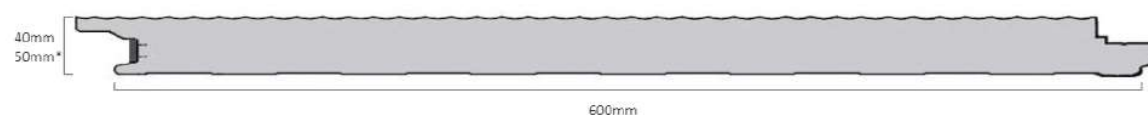


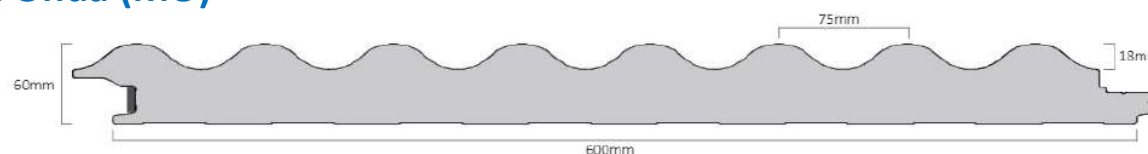
Liso (L)



Microperfilado



Mini Onda (MO)



THICKNESS: 40-50-60



THIS PRODUCT MEETS THE REQUIREMENTS OF REGULATION (EU) N.º 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL LAYING DOWN HARMONISED CONDITIONS FOR THE MARKETING OF THE CONSTRUCTION PRODUCTS AND ARE IN ACCORDANCE WITH ANNEX ZA of EN 14509:2013

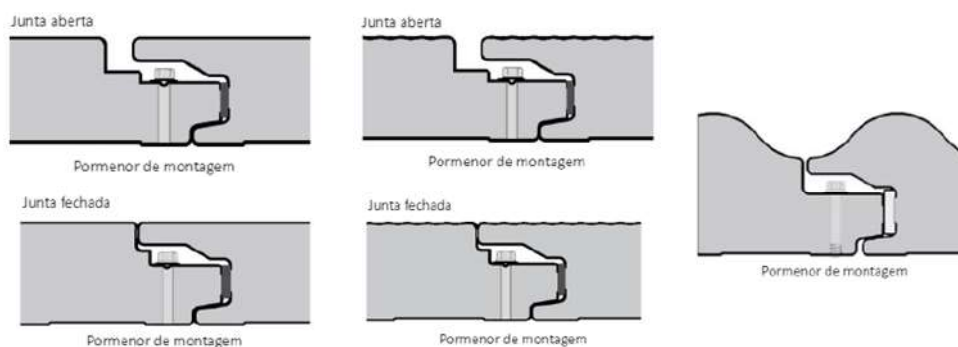
Designation:

Insulating Panel for wall with concealed fixing

Description:

It consists of an assembly of two profiled steel sheets interconnected by isolation of rigid polyurethane foam (PUR or PIR) to form a panel with width of 600 mm. Fits laterally with other panels so as to cover a surface.

The fixation screw is made self-piercing zone fitting (concealed fixing)



Dimensions:

thickness:	40, 50 mm 60 mm (only PF 600-60 MO) With a tolerance of ± 2 mm.
Width:	600 mm With a tolerance of ± 2 mm
Length:	According to customer request and subject to the following limits Minimum: 2.500 mm* Maximum: 7.000 mm* With a tolerance of ± 10 mm, for lengths > 3,000 mm

* On request for other measures

Materials

METAL FACING - Galvanized steel (EN 508; EN 10143), galvanized (EN 10346) and pre-painted (EN 10169)

Note: Thickness subject to consultation

COATING - Standard: primary 5 μ m + polyester 20 μ m
- For special application: PVDF, HDX.⁽¹⁾

INSULATING CORE - Rigid polyurethane – PUR B3, without fire reaction class: PND⁽²⁾
- Rigid polyurethane – PUR B2, with fire reaction class: B s₂ d₀⁽³⁾
- Rigid polysocianurate foam – PIR, with fire reaction class: B s₁ d₀⁽³⁾

- Foam CFC and HCFC free
- thermal Conductivity $\lambda=0.025$ W/mK
- Density = 40 kg/m³ $\pm 10\%$

- mechanical characteristics:

- tensile strength > 0.018 MPa
- compressive strength > 0.100 MPa

⁽¹⁾ Subject to consultation

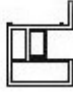
⁽²⁾ PND – Parameter not determined

⁽³⁾ Steel plates with a minimum thickness of 0.40 mm

Characteristics:

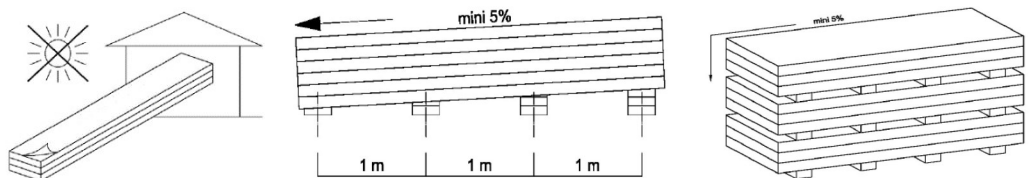
Panel Thickness (mm)	Thermal Conductivity (W/m²K)	Panel weight (Kg/m²)			Flexion máx. = 1/200L Uniformly distributed charge¹ (cálculo para espessuras de chapa: 0,5/0,4mm)										
		PF 600													
		L/LJ 0,7/0,4 mm	M 0,5/0,4 mm	MO 0,5/0,4 mm	Kg/m²	40	60	80	100	120	40	60	80	100	120
40	0.82	11.0	9.2	-	Distância máxima (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	306	599	524	476	442	415

Recommended Accessories:

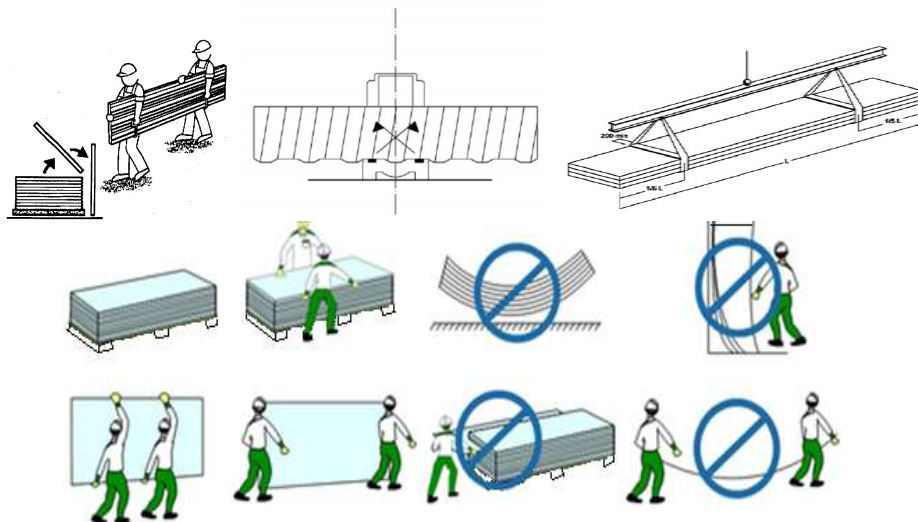
	AC.001 Profile intermediate 40mm		P.005 Initial support piece
	AC.002 Corner profile 40mm		AC.003 Initial profile 40mm

Other recommendations

1. Storage:



2. Panel handling



Environmental Recommendations

The insulated panel is a product composed of two distinct materials: metal and polyurethane foam.

Due to the absence of truly hazardous or toxic additives encapsulated in the polyurethane polymer, the foam is considered an inert material, posing no risk to the environment.

At the end of the product's life cycle, its components should be separated and disposed of as construction and demolition waste:

- The sheet metal should be disposed of as steel waste.
- The polyurethane should be disposed of as insulation material waste.

The packaging used to hold the panel and the batch of panels is made entirely of plastic materials:

- Primary packaging: self-adhesive protective plastic film that protects the panel during handling;
- Secondary packaging: stretch plastic film, Styrofoam, and polyurethane sheets that enclose the batch of panels and facilitate bulk handling of the panels.

Illustrative images of the PF 600 panel

