
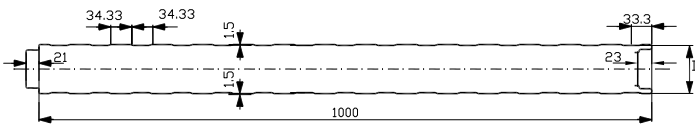
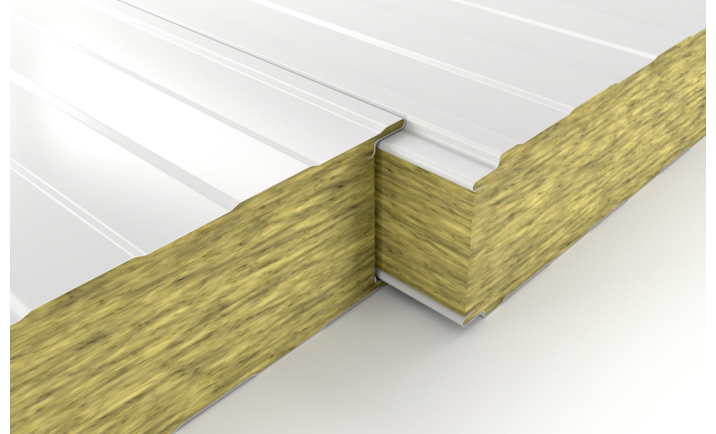
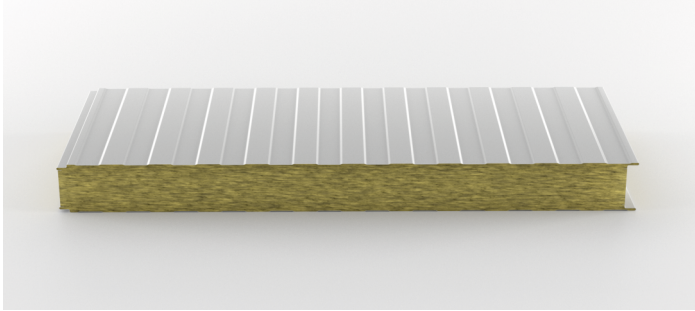


ISOPERN MW

 Made in Serbia



PRODUCT:

Thermal insulating wall panel with visible joint.

INTENDED USE:

Exterior walls / wall cladding / separating walls. These types of panels can be mounted both horizontally and vertically.

MICROFILES:

Type I - STANDARD-STANDARD
Type II - STANDARD+PLISSE
Type III - STANDARD+LIS / LIS+STANDARD
Type IV - LIS+PLISSE
Type V - LIS+LIS

CORE:

Mineral wool - MW

MAIN CHARACTERISTICS:

a) Metal faces with polyester coating (SP):

- Exterior face: steel 0,50÷0,60 mm; S250GD (EN 10346); coating SP/25µm; normal tolerances
- Interior face: steel 0,50÷0,60 mm; S250GD (EN 10346); coating SP/25µm; normal tolerances
- The thickness is referred to after galvanizing and painting procedure

b) Insulating layer:

- Average density: 100 [kg/m³]
- Thermal conductivity: $\lambda=0.041$ [W/mK]

c) Reaction to fire:

- Classification: A2-s1,d0, for the whole range of thicknesses ≥ 60

d) Fire resistance:

PRODUCT TYPE	Thickness [mm]					
	60	80	100	120	150	200
ISOPERn MW: partition	EI30 E90 EW30		EI120 E120 EW120		EI240 E120 EW120	
exterior	EI30 E90 EW30		EI120 E120 EW120		EI120 E120 EW120	

We recommend the project details to be discussed with the technical department or sales manager.

AVAILABLE DIMENSIONS:

DIMENSIONS	PERMISSIBLE DEVIATIONS
Length: 2000-13500 [mm]	± 5 mm for $L \leq 3$ m ± 10 mm for $L > 3$ m
Width: 1000 [mm]	± 2 mm
Thickness: 60-200 [mm]	± 2 mm for $D \leq 100$ mm $\pm 2\%$ for $D > 100$ mm
Deviation from perpendicularity	6 mm

Note: For lengths less than 2.000 mm, consult the technical department.

ASSEMBLY:

The assembly is performed according to the Assembly Instructions provided by the producer. The panels and materials used in the assembly are not dangerous for the environment. The waste resulting after the assembly, and at the end of the use of the constructions, is collected by type of material and handed over to specialized companies for their takeover.

The products bear the CE marking - h armonized standard **EN 14509:2013**.