

## TECHNICAL DATA SHEET

### DESCRIPTION

The sandwich panel features, on one external side (Side A), a Magnesium Oxide (MgO) sheet with a thickness of approximately 3, 4, or 6 mm, offering superior fire resistance with a Euroclass A1 fire reaction rating. The core of the panel consists of XPS (Extruded Polystyrene), which ensures excellent thermal insulation and is classified as Euroclass E for fire reaction.

### APPLICATION

Monoblock shoulders for windows and doors. Insulating coatings for existing walls exposed to moisture. Floors insulation.

### PROPERTIES

The panel offers good thermal resistance along with breathability, making it particularly effective for both internal and external insulation systems with low environmental impact. It stands out for its excellent water resistance, ease of processing, and dimensional stability, ensuring a high degree of flatness and surface regularity. Moreover, the panel provides strong UV resistance, making it suitable for long-term use in demanding environmental conditions.

### PANEL COMPOSITION

First face layer: Magnesium oxide board (3/4/6 mm. thickness) in A1 fire reaction.

Second face layer:

Core: Extruded Polystyrene (XPS) with Euroclasse E fire reaction.

### DIMENSIONS

Length 2500 mm 3000 mm

Width 1200 mm 1200 mm

Thickness mm. 20; 24; 34; 44; 54; 64; 74;

Other sizes on request

### PROPERTIES

Thickness	Thermal Transmittance (W/m <sup>2</sup> k)			Weight (Kg/m <sup>2</sup> )			Quantity per pallet
MGO Thickness mm	3	4	6	3	4	6	
20	1,50	1,56	1,69	3,80	4,80	6,50	30
24	1,28	1,33	1,42	3,80	4,80	6,50	30
34	0,94	0,97	1,01	4,10	5,10	6,80	30
44	0,74	0,76	0,78	4,40	5,40	7,10	30
54	0,60	0,62	0,64	4,70	5,70	7,40	25
64	0,52	0,52	0,53	5,00	6,00	7,70	20
74	0,45	0,45	0,47	5,30	6,90	8,00	16

**Storage:** cool and dry, protect against sunlight..

The above technical data represent average values. The technical information and application instructions are based on our current knowledge and expertise. However, it is the responsibility of each user to conduct trials with the original substrates in order to evaluate the suitability of our goods for the intended purpose, taking into consideration all application related parameters. If you have any further questions, please contact us.