

ISO  **NOVA**<sup>®</sup>

# POLYMER PANEL

Patented system



**ISONOVA POLYMER**® is a sandwich panel consisting of the following elements:

\***Insulating** core injection polyurethane foam middle density, thickness from 40 mm.

\***Face inner** aluminum foil 0.05 mm. thickness acting as reflective insulation barrier steam.

\***Face outdoor** resin plate 10-12 mm lightweight polymer thickness.

\***Perimeter frame** PVC profile, solidarity anchored in the injection.



Due to the use of lightweight polymer plate on the outer face of the panel **ISONOVA POLYMER**® highlight the following qualities:

**Very light solution** with low weight

**Low water absorption**, which guarantees a life prolonged continuous panel in ice-cold cycles.

**High resistance to chemicals** agents caused by solvents, oils and fuels.

**High resistance to shocks**, both for its own resistance and continued to act as sink energy.

**Resistance action of UV rays**, showing show loss of coloration over time.

Easy cleaning and maintenance, with a **surface graffiti resistant**.

## **Standard dimension 1200 x 800 mm.**

Requested on demand can be supplied panels made of 1200x400 and 800x600 mm dimensions.



**IVORY**

**SAND**

**OXIDE**

**GRAPHITE**

The four standard colors can be combined with two different contours resulting eight different terminations.

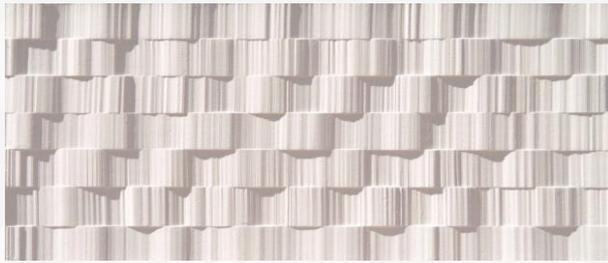
**SOFT**

**SLATE**



In order minimum 500 m<sup>2</sup> is supplied in any color from the RAL Standard.

For specific projects can be manufactured on demand polymer plates in other exterior finishes:



**WAVES**



**GRANIT**



**FIBRAL**



**LINEAR**

**DIMENSIONS AND CHARACTERISTICS  
ISONOVA POLYMER®**

<b>Length:</b>	1200 mm.	<b>Weight;</b>	14 Kg/m2.
<b>Width:</b>	800 mm.	<b>Fire Classification:</b>	Clase C (Euroclass) (UNE EN 13.501-1)
<b>Thickness:</b>	50 mm.		
<b>Absortion coefficient of surface water.</b>			
< 0,9%(less than 0,9% volume)			
<b>Linear expansion coefficient of the coating. .</b>			
24 x 10 <sup>-6</sup> m/°C			
<b>Transmissivity coefficient thermal insulating core.</b>			
0,022 W/mK			
<b>Impact resistance of Polymer coating.</b>			
Coef. 0,78 (UNE EN ISO 10545-5:98)			
<b>Resistance to flexion.</b>			
8 MPa ( N/mm <sup>2</sup> ) UNE EN ISO 10545-5:47 Breaking strength 654 N.			

ISO//NOVA is a product



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