



CLOSING
NOVAFERMT

Miami dade hurricane
shutter approval

Powdercoated Panel (EU Patent)



**1 Million
colors**

**Stock
Deletion**

**Infinite
style and
features**

The **powdercoated panels** are part of the **CLOSING** product range. They are assembled with a bonding technique with a bi-component polyurethane glue which allows excellent mechanical properties and guarantees the quality.

Always seeking innovation, AV Composites developed a new panel for the manufacturing of aluminium shutters, doors and gates made of a thermoplastic insulator, allowing to be the first to offer a POWDERCOATED PANEL.

This insulating panels saves you a considerable amount of manufacturing time, allowing a rapid cut of the panel, regardless of the shape as well as a full powdercoating of the shutter with the same colors as your window (european patent).

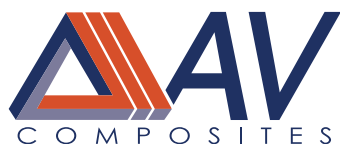
AV Composites' panels, including the aluminium sandwich powdercoated panels, are protected by numerous patents!



**100% recycled
100% recyclable**



Infinite range of aspects and colors



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Technical Specifications

- 1 Covering**
External and internal facing
Aluminium sheet (thickness 1 mm - 0.04 inch)
with epoxy primer

Wainscoating effect
Standard grooves' width:
85, 170, 255 mm
3.35, 6.69, 10.04 inch

- 2 Core of the panel**
Insulating core
Thermoplastic, $\lambda = 0.028$
(100% recycled & 100% recyclable)

- 3 Gluing**
Polyurethane two-component adhesive

- 4 Thickness of finished panels**
Filling range:
25, 27, 28, 33 mm
0.98, 1.06, 1.10, 1.30 inch
Others: contact us

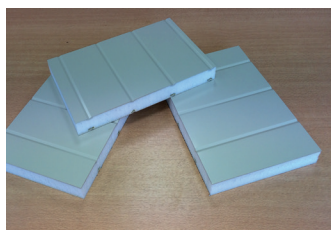
- 5 Panels specifications**
Thermal loss coefficient U
 $U = K = 1,03 (25) - 0,96 (27) - 0,93 (28) - 0,80 (33) \text{ W / K.m}^2$
 $U = K = 0.18 (0.98) - 0,17 (1.06) - 0,16 (1.10) - 0,14 (1.30) \text{ Btu / ft}^2 \cdot \text{h} \cdot ^\circ\text{F}$

Thermal Resistance R
 $R = 0,96 (25) - 1,03 (27) - 1,07 (28) - 1,24 (33) \text{ K.m}^2 / \text{W}$
 $R = 5.47 (0.98) - 5.88 (1.06) - 6.08 (1.10) - 7.09 (1.30) \text{ ft}^2 \cdot \text{h} \cdot ^\circ\text{F / Btu}$

- 6 Dimensions - Weights**
Width
1000 - 1200 - 1485 mm
3.280 - 3.937 - 4.872 ft
Length
2440 to 7500 mm with steps of 250mm
8 to 24.6 ft with steps of 0.820 ft

- 7 Weight**
 $6,63 (25) - 6,79 (27) - 6,87 (28) - 7,27 (33) \text{ kg/m}^2$
 $1.36 (0.98) - 1.39 (1.06) - 1.40 (1.10) - 1.49 (1.30) \text{ lb/ft}^2$

Warranty
Company Civil Insurance N° 2/700062



The installation of our systems must be made with the accessories of the AV Composites range. In case of dispute, the guarantees apply only if the user recommendations contained in our data sheets and Technical Notice, are met. Dark exterior color holding (such as: Slate) can not be guaranteed in time. The advice and technical data refer to real information and practical experiences. They are offered in good faith but without guarantee, since the conditions and methods of use are not under our control. We reserve the right to make change at any time without notice.