



**Brand new
in 2018**

**Available to
powdercoat
or in our
5 base colors**

**Infinite
styles and
features**

The **louvered 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 style and profile to provide the market with great insulation properties, strength and different possible styles.

This panel is made of a thermoplastic insulator used for our **POWDERCOATING PANEL** technology.

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

We also provide a wide range of accessories for mounting and finishing.

SAVE MONEY

Create your aluminum shutters
Increase your Profits by Over **60%**

SAVE TIME

Ready to Cut and Assemble!
Fast cut no matter the dimensions
Replaces profile blades



**No Maintenance
New Design
100% Recyclable**

**Infinite range of aspects
and colors with the
powdercoating technology**





Technical Specifications

1 Covering
 External and internal facing
 Aluminum sheet (thickness 0.8 mm - 0.0315 in)
 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 Foam $\lambda = 0.028$ W/m.K,
 $\lambda = 0.016$ Btu/ h ft F, without CFC
 (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
 $U=K= 1.08$ (27 mm) W / K.m²
 $U=K= 0,19$ (1.06 in) Btu / ft².h.°F

Thermal Resistance R
 $R = 1,03$ (27mm) K.m² / W
 $R = 5.85$ (1.06 in) ft².h.°F / Btu

6 Dimensions - Weights
Width
 - 1210 - 1500 mm
 - 3.969 - 4.921 ft
Length
 - 2500 - 3000 - 3500 mm
 - 8.202 - 9.842 - 11.482 ft

Weight
 - 6,79 (27mm) kg/m²
 - 1.39 (1.06inch) lb/ft²

7 Warranty
 Company Civil Insurance



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. 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.