CLOSING
NOVAFERMT ®

Powdercoated Panel (Breveté)

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.

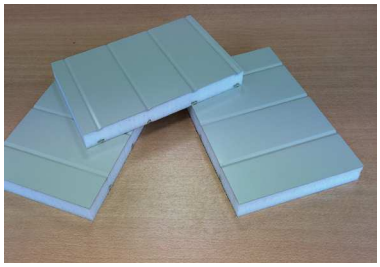
Always seeking innovation, AV Composites developped a new panel for the manufacturing of aluminium shutters, doors and gates made of a thermoplastic insulator, allowing to be the first to offer a POWDERCOATED PANEL.

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 paterns!

100% recycled & 100% recyclable

Infinite kinds of colors and aspects



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Prizewinner of the 2010 INPI Innovation Trophies
Prizewinner of the 2010 DELOITTE Technology Fast 50

Authorized Retailer

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Technical Specifications

1 Covering

External and internal facing
Aluminium sheet (thickness 8/10th)
with epoxy primer

Wainscoating effect
Standard grooves' width: 85mm
Other widths: contact us

2 Core of the panel

Insulating core
Thermoplastic, λ = 0.028
(100% recycled & 100% recyclable)

3 Gluing

Polyurethane two-component adhesive

4 Thickness of finished panels

Filling range: 25, 27, 28, 33mm
Others: contact us

5 Panels specifications

Thermal loss coefficient
U = K = 1,03 (25) - 0,96 (27) - 0,93 (28) - 0,80 (33) W / K.m²

Thermal Resistance R
R = 0,96 (25) - 1,03 (27) - 1,07 (28) 1,24 (33) K.m² / W

Insulating foam fire resistance
M1 Quality,
according to LNE N° P107497 certification

6 Dimensions - Weights

Width 1000 mm - 1200 - 1485mm
Length 2440 à 7500 with steps of 250mm
Weight 6,63 (25) - 6,79 (27) - 6,87 (28) 7,27 (33) kg/m²

7 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 only apply if the user recommendations contained in our data sheets and Technical Notice, are met. Dark exterior color holding (such as: Slate) can not be guaranted in time. The advice and technical data refer to real informations 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.

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