



The **technical panels** of the evolving range match the needs of the diverse aesthetics corresponding to the different european geographical areas.

The louvered panel offers the famous south european louvered style shutter aesthetics while providing an optimal thermal insulation.

The provençal panel and its opposite perpendicular grooving fit the south of France architectural requirements.

It is composed of :

- a 85mm vertical grooves side
- a 170mm horizontal grooves side

Finally, the horizontal grooves panel complements the range in offering a simple and refined alternative which distinguishes itself from the classic vertical grooving.

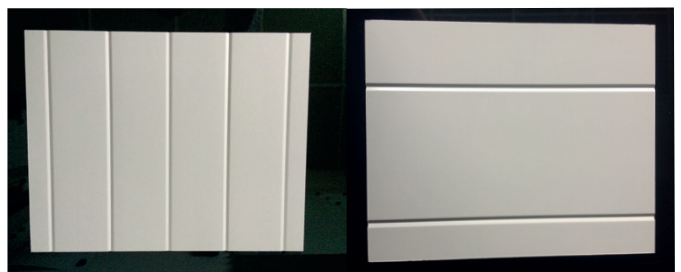
Different grooving steps available:
85mm, 170mm and 255mm.

All these panels are available in a powdercoating version, patented technology (FR3009698).

Louvered Panel



Provençal Panel and horizontal grooving



Powdercoating technology :
100% recycled and recyclable



Technical Specifications

1 Covering

External and Internal facing

Aluminium sheet (thickness 8/10th)
lacquered with a polyester resin and a
UV resistant film or with an epoxy primer

Standard Color Chart

White 9010 (mat), White 9016 (mat)
Green 6021 (mat), Red 3004 (mat)
Grey 7016 (mat), Golden Oak

Horizontal grooving

Horizontal grooves width: 85, 170, 255mm

2 Core of the Panels

Powdercoating panel insulating core

Thermoplastic, $\lambda = 0.028$
(100% recycled & recyclable)

Standard panel insulating core

Extruded polystyrene, $\lambda = 0.028$, without CFC

3 Gluing

Polyurethane two-component adhesive

4 Thickness of finished panels

Provençal and horizontal :

25, 27, 32mm

Louvered :

25, 27mm

5 Panels specifications

Thermal loss coefficient :

Provençal and Horizontal

$U = K = 1,03 (25) - 0,96 (27) - 0,80 (32) W / K.m^2$

Thermal Resistance R

$R = 0,96 (25) - 1,03 (27) - 1,24 (32) K.m^2 / W$

Louvered

$U = K = 1.17 (25) - 1.08 (27) W / K.m^2$

Thermal Resistance R

$R = 0,85 (25) - 0.93 (27) K.m^2 / W$

Insulating foam fire resistance

M1 Quality,
according to LNE N° P107497 certification

6 Dimensions - Weights

Width : 1210 - 1500mm

Length : 2500 - 3000 - 3500mm

Powdercoating Louvered :

5,55 (25) - 5,71 (27) kg/m²

XPS Louvered : 4,62 (25) - 4,68 (27) kg/m²

Powdercoating Provençal + Horizontal :

6,63 (25) - 6,79 (27) - 7,27 (32) kg/m²

Standard Provençal + Horizontal :

5,55 (25) - 5,29 (27) - 5,78 (32) 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 guaranteed 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.