



M0 Mineral Wool Panels

The **M0 mineral wool panels** are part of the **CONSERVATORY** product range. They are assembled with a bonding technique with a bi-component polyurethane glue which allows excellent mechanical properties and guarantees the quality.

The panels are composed of an insulating foam in erockwool that provides:

- Very high resistance to flammability (M0 Classification)
- High thermal insulation,
- Excellent mechanical properties

The faces of our panels are 8/10th thick aluminium sheets covered with an outside polyester lacquer.

AV Composites' panels are protected by numerous patents!



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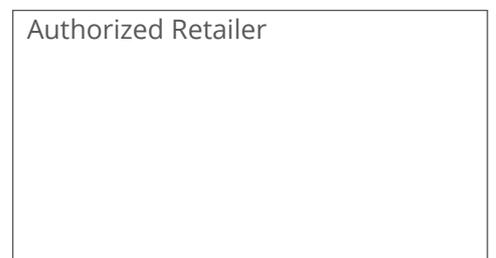
Prizewinner of the 2010 INPI Innovation Trophies
Prizewinner of the 2010 DELOITTE Technology Fast 50



Filling range: thickness of 32, 52 mm
References: R32, R52

Panels must be protected from any bad weather condition and the side linings must be ensured with a perfect and complete sealing during storage, assembling and installation.

Authorized Retailer





Technical Specifications

1 Covering

External and internal facing

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

Color chart exterior options

White 9010 (bright), Ivory 1015 (bright), Roussillon (Terracotta), Brown 8004 (dull) Grey 7024 (dull), Nut Brown 8011 (dull)

Color chart inside options

White 9010 (grainy)

2 Core of the panel

Insulating core

Mineral wool (Rockwool)

Declared thermal conductivity (λ) :

$\lambda = 0.028 \text{ W / m.K}$

3 Assembling

Filling range

Tight by a profil system

Does not exist in self-supporting version

4 Gluing

Polyurethane two-component adhesive

5 Thickness of finished panels

Filling range: 32, 52mm

6 Panels specifications

Thermal loss coefficient

$U = K = 1,09 (32) - 0,70 (52) \text{ W / K.m}^2$

Thermal Resistance R

$R = 0,91 (32) - 1,42 (52) \text{ K.m}^2 / \text{W}$

Fire resistance

M0 Quality, according to LNE N° L080080 - DE/2 certification

7 Dimensions - Poids

Largeur 1195 mm

Longueur 2500 à 4500 par pas de 250mm

Poids 8,84 (32) - 11.54 (52) kg/m²

8 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 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.