AEROPAN

Technical Sheet - Issue 12/2022

Nanotechnological semi-rigid aerogel insulation panel, suitable for low-thickness insulation.

DESCRIPTION

Nanotechnological semi-rigid aerogel insulation panel, suitable for low-thickness insulation, especially for thermal bridges. Covered on the external side with a breathable, fibreglass-reinforced polypropylene (PP) membrane designed to accommodate the base plaster layer.

MAIN PROPERTIES

- HIGH THERMAL INSULATION
- REDUCED THICKNESS
- VAPOUR PERMEABILITY

SIZE AND THICKNESS

Useful size: 140 cm x 72 cm
Available thicknesses: 1, 2, 3, 4, 5, and 6 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity	λ_D	0.015 W/m	EN 12667
System reaction to fire	EUROCLASS	B-s1, d0	EN 13501-1
Resistance to vapour diffusion	μ	5	EN 12086
Specific heat	C_p	1000 J/kgK	EN 10456
Compressive stress at 10% deformation	CS(10/Y)	≥ 80 kPa	EN 826
Water absorption due to partial immersion, short term	W_P	≤ 0.01 Kg/m^2	EN 29767

STORAGE PROCEDURE

Panels should be kept in their packaging until they are ready to be used. Unpack the product in the work area. This will help to minimise the area where exposure to dust can occur.

NOTES

Use the full-surface bonding method.
Reinforced skim coat of a suitable thickness, to be applied in 3 coats.

CERTIFICATIONS/CLASSIFICATIONS

IVAS Industria Vernici S.p.A. – Via Bellaria, 40 – 47030 San Mauro Pascoli (FC) – Italy
Tel. +39 0541 815811 – Fax +39 0541 815815 – www.gruppoivas.com – ivas@gruppoivas.com