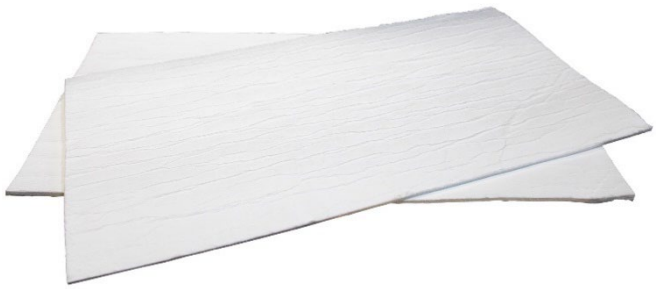
AMAGEL A2

Tecnical Sheet - Issue 11/2023



Nanotechnological semi-rigid aerogel insulation panel, suitable for the insulation of parapets and hangers for windows

DESCRIPTION

Nanotechnological semi-rigid aerogel insulation panel, suitable for low-thickness insulation, especially for thermal bridges. Equipped with ETA 20/0562 approval according to EAD 040037-00-1201. Applicable only on small areas (eg: parapets and hangers for windows) after application of an acrylic fixative to water PRIMACRIL IVAS.

MAIN PROPERTIES

- HIGH THERMAL INSULATION
- REDUCED THICKNESS
- VAPOUR PERMEABILITY

SIZE AND THICKNESS

Useful size: 145 cm x 75 cm
Available thicknesses: 1 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity	λ_D	0,016 W/mK	EN 12667
System reaction to fire	EUROCLASSE	A2-s1, d0	EN 13501-1
Resistance to vapour diffusion	μ	7	EN 12086
Specific heat	C_p	1000 J/kgK	EN 10456
Compressive stress at 10% deformation	CS(10/Y)	≥ 30 kPa	EN 826
Water absorption due to partial immersion, short term	W_P	≤ 0,33 Kg/m^2	EN 1609

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.
In some cases it may be necessary to consolidate the surface of the panel before the first coat of shaving with the use of a transparent acrylic fixative PRIMACRIL (IVAS) based on acrylic micro-emulsions, very high penetration and alkali resistance.

CERTIFICATIONS/CLASSIFICATIONS

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