

aplica Aislamientos

Adhesive mortar for thermal insulation panels of mineral wool

Classified as GP CS IV W2 according to standard UNE-EN 998-1.



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION



Installation of
thermal insulation
panel of mineral wool



Waterproof
(W2 classification)



Spray-on format

DESCRIPCIÓN

Adhesive mortar composed of cement, limestone aggregates Controlled granulometry and special additives which Improve their adherence, open time and Water repellent capacity.

APPLICATIONS

Indoor and outdoor finishing on brick or concrete blocks, for the installation of mineral wool insulation panels. Apply by hand or using a spray machine onto clean, dry, non-shrinking surfaces. aplica Insulation waterproofs façades but is also water vapour permeable.

APPLICATION SURFACES

The surfaces must be stable, hard, flat and free from any dust or oils. The application surface must be absolutely flat and levelled. Resistant surfaces, cement mortars in good condition. Brickwork, concrete blocks...

INSTRUCTIONS FOR USE

1. Check that the application surface is suitable and ready for use.
2. Mix mechanically, adding water gradually until you obtain a smooth, lump-free paste of the required consistency.
3. Apply evenly, then level out the mortar, covering the surface with a minimum thickness of between 4 mm and 6 mm.
4. Place the panels on top of the mortar while it is still freshly-laid (open time approx. 20 mins.), pressing down with your hands.
5. If the joints between the panels are less than 5 mm wide, they do not need to be sealed. In very cold or humid areas, sealing joints with adhesive tape is recommended.
6. Once the insulation panels have been installed, seal the chamber by overlapping the panels.



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WARNINGS AND RECOMMENDATION

- Do not apply onto plaster or painted surfaces.
- Do not apply at temperatures below 5°C or above 35°C.
- Do not apply thicknesses of more than 15 mm.
- It is advisable to moisten absorbent or very hot surfaces before applying the product.
- Do not apply onto damp-proof surfaces.
- This product is ready to mix with water. Do not add any kind of additional substance which may alter its properties.
- Use within 1 year of packaging date. Store the product in its original packaging in a dry, covered place protected from humidity.

AVAILABLE FORMATS

aplica Aislamientos is available in 25 kg paper sacks with moisture-proof plastic lining, dispatched on pallets weighing a total of 1,600 kg (64 sacks).

TECHNICAL FEATURES

Mixing water	20% water (±3)
Apparent density of the product:	
In powder format	1,20 (±0,1) Kg/l
In paste format	1,60 (±0,1) Kg/l
Set	1,45 (±0,1) Kg/l
Mechanical resistance 28 days after application:	
Flexural strength	>2,5 Mpa
Compressive strength	>6,0 Mpa
Water absorption coefficient due to capillary action	< 0,20 Kg/m ² • min ^{0,5}
Water vapour diffusion:	
Permeance	1,4e ⁻⁹ Kg/m ² sPa
Permeability	2,1e ⁻¹¹ Kg/sPa
Consumption	8 (±) 1 Kg/m ²
Reaction to fire	Euroclass A1
Classification	GP CS IV W2

NOTE

The recommendations for use are based on our own knowledge and experience. The technical data provided have been obtained under normal laboratory conditions, and may therefore vary according to the environmental conditions in the place where the product is used. As the application conditions are beyond our control, the information provided here does not imply that the company accepts responsibility for any variations.