



quickmörtar



Data sheet



- Adhesion and protection of insulation plates.
- Excellent workability.
- Perfect adhesion on the plates and the support.



Mortar for adhesion and protection of insulation panels of Thermal Insulation Systems from the outside

PROPERTIES

- Waterproof to rain water (quickmortar + decorative finishes quickplack).
- Impact resistant.
- Excellent workability.
- Perfect adhesion on the plates and the support.

APPLICATIONS

Supports:

- Admissible:
 - quickfoam
 - quickfoam GRAFIT
 - quickfoam XPS
 - quickfoam MW
- Not admissible:
 - Horizontal or inclined surfaces exposed to the direct action of rainwater.
 - In cases not described consult the Technical Department.

Thicknesses:

- Between 3 and 5 mm.

Admissible decorative finishes:

- Organic decorative coatings:
 - quickmortar, thin layer, thick layer, silex acrylics, anti-cracks, flexible, watertight.
- Lime mineral coatings:

Approximate consumption

4,0 ± 1 kg/m² adhesion plates
5,0 ± 1 kg/m² protection plates

Presentation

Sack of 25 kg
Palet of 48 Sacks (1.200 kg)
Color: white / gray

Storage

12 months in its closed containers and sheltered from the weather

TECHNICAL DATA

Kneading water:	18 + 2% (aprox 4,5 L/saco)	
Density in powder:	1.35 + 0.1 gr/cm ³	
Density in paste:	1.45 + 0.1 gr/cm ³	
Adhesion to traction on concrete (N/mm ²):		
- 28 days dry to 20°C	> 0,8	
- 24 hrs immersion and 24 hrs drying:	> 0,5	
Adhesion to traction on the EPS (N/mm ²):		
- At 28 days dry to 20°C:	> to the cohesion of the plate polystyrene	
Diffusion coefficient:	μ 5/20	
Specific heat:	Cp 1.00 J/kg.K	
Thermal conductivity:	0,47 W/mK	
Application temperature:	Since 5°C until 35°C	
Mechanical resistors (N/mm ²):	Flexotraction	Compression
28 days	6 + 0,1	10,5 + 0,2

(*)Data under laboratory conditions 20°C and 55% of relative humidity. Approximate values. For more information, consult our Technical Department.

HOW TO USE

Tools:

- Blender for mortar.
- Aluminum rule, trowel and bulletin.

Preparation of support:

- The support must have a resistant, stable, clean and planimetric surface.
- In hot weather or with very absorbent supports, the support must be pre-moistened.

Product preparation:

Kneading:

- Knead with a minimum of 4.5 liters until you get a homogeneous paste and free of lumps.
- Rest time: ± 3 minutes.
- Never knead or add water to activate it.

Useful working time.:

- Apply the mortar during the hour after kneading. The time depends on the environmental conditions (humidity, temperature, sun and wind).

Application of the product:

Adhesion of the plates:

- Apply the paste on the plates in perimeter bands and pellets with a diameter of 6-8 cm in the center of them.

Protection of plates:

- Protection must be carried out at the 24 hours of the adhesion of the plate to the support. The product is spread on the plate and with the fresh product is placed, the mesh **quickfiber**, foreseeing a mesh overlap 10 cm in the encounter with the mesh, next, both longitudinally and transversally.
- Once the first layer is dry, a thin layer of mortar is applied on top, to completely cover the mesh and leave a smooth finish.
- After a complete drying of the hardening layer, any of the decorative finishes of the system will be applied.

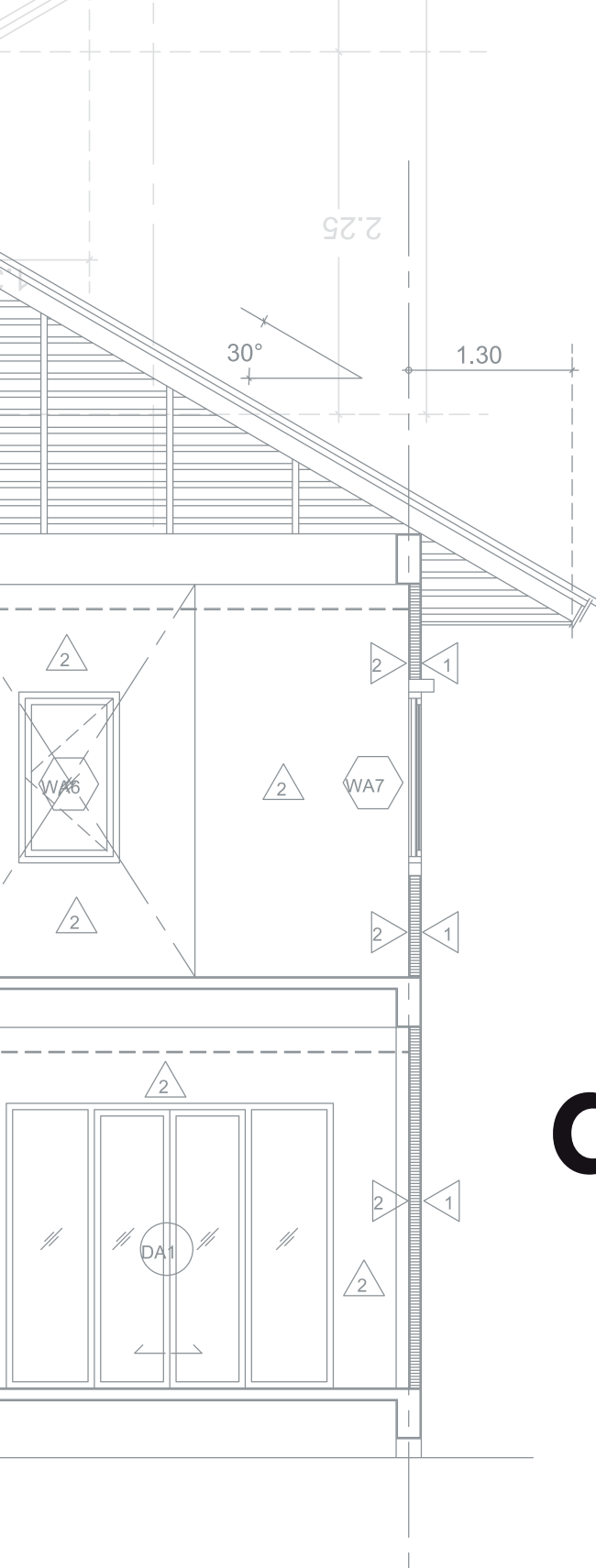
RECOMMENDATIONS

- Apply at temperatures of 5°C to 35°C. Avoid application with strong wind.
- Do not apply on frozen supports, in the course of thawing or if frosts or imminent rains are expected.
- It is not suitable as a finishing coat.
- The thickness of the coating must be homogeneous, covering correctly the mechanical fixings to avoid aesthetic defects.

The range of accessory elements must be used: profiles and expansion joints.

The metal profiles finishing areas are sealed with elastic putty.

- Reinforcements must be made in corners of holes before placing the hardening layer.



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