

0590 KUBO HT

CEMENTITIOUS ADHESIVE-SKIM COAT FOR
IMPAENERGY EXTERNAL THERMAL INSULATION
COMPOSITE SYSTEM



Advantages

→ The product complies with CAM 2025 requirements for outdoor use

Description and Use

Fibre-reinforced cementitious adhesive for bonding and smoothing off EPS and mineral wool insulating panels; it is also used to embed reinforcing mesh.

The product also complies with the award requirement according to the Ministerial Decree of 24 November 2025 (CAM 2025 Edilizia): ISO 14001 certified company.

Substrate preparation

The substrate must be free from dust, dirt etc.. Any traces of oils, greases, waxes, etc. must be removed beforehand.

Application

Add 5.8-6.4 litres of clean water for each 25 kg sack of KUBO HT and mix with a mechanical stirrer for no longer than 3 minutes, until obtaining the desired consistency.

Apply the mixed product within 2 hours.

To bond the panels, apply the product across the entire surface or around the perimeter and at spots in the centre, then place the panels in a staggered arrangement, making sure that they fit together perfectly and then fix them mechanically using anchors.

Smooth the surface by embedding an EAD 040016-00-0404 certified alkali-resistant fiberglass mesh, taking care to overlap it by at least 10 cm at the junction points.

For smoothing off, apply to a thickness 5-6 mm.

For application by machine, plaster sprayers can be used, such as PFT, TURBOSOL and the like.

The finish will be applied at least 2/3 weeks after applying the skim coat, using an acrylic, acrylic-siloxane, siloxane or silicate coating, and applying a specific primer or pigmented undercoat beforehand.

Storage life

Keep in a dry place for a period not exceeding 12 months. Keep dry. Once the product has expired, it must be disposed of in accordance with current legislation.

Quality

KUBO HT is subjected to accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical features

Colour	white
Binder	cementitious
Specific gravity of the powder	approx. 1,350 kg/m ³
Mixing water	23.5-25.5 %
Granulometry	< 1.4 mm
Yield for bonding entire surface or perimeter and spots in the centre	3-6 kg/m ²
Yield as skim coat	approx. 1.5 kg/m ² per mm in thickness
Thickness as skim coat	5-6 mm
Compressive strength after 28 days	> 6 N/mm ²
Water vapour diffusion resistance factor (EN 1015-19)	$\mu = 25$ (measured value)
Capillary water absorption (EN 1015-18)	W2
Thermal conductivity (EN 1745)	$\lambda = 0.71$ W/m·K (tabulate value)
Compliant with standard EN 998-1	GP-CSIV-W2
Reaction to fire	A1

Warnings

- Fresh adhesive must be protected from frost and from rapid drying.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The container/product/wash water must be disposed of in accordance with national laws.
- A temperature of +5°C is recommended as the minimum value for application and for proper hardening of the adhesive; below this value setting would be excessively delayed and below 0°C the still fresh or unhardened product would be exposed to the disintegrating action of frost.
- Product recommended for expert users.
- Always read the safety data sheet before use.
- KUBO HT must be used as supplied, without the addition of any extraneous materials.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.