

0591 KUBO *light*

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



See warnings

Description and Use

White cementitious adhesive, lightened with polystyrene, for bonding and smoothing off EPS, mineral wool and calcium silicate hydrate panels.

Substrate preparation

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

Application

Add 5.2-5.6 litres of clean water for each 20 kg sack of KUBO LIGHT 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 off the surface, embedding alkali-resistant fibreglass mesh, certified in accordance with EAD 040016-00-0404, making sure to overlap the mesh by at least 10 cm at the joints.

For smoothing off, apply to a thickness 5-10 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 dry 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 LIGHT is subjected to accurate and constant 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. 1,000 kg/m ³
Mixing water	26-28 %
Granulometry	< 1.4 mm
Yield for bonding entire surface or perimeter and spots in the centre	2.8 - 5.5 kg/m ²
Yield as skim coat	approx. 1.1 kg/m ² per mm in thickness
Thickness as skim coat	5-10 mm
Compressive strength after 28 days	> 3.5 N/mm ²
Water vapour diffusion resistance factor (EN 1015-19)	$\mu = 19$ (measured value)
Capillary water absorption (EN 1015-18)	W2
Thermal conductivity (EN 1745)	$\lambda = 0.31$ W/m·K (tabulate value)
Compliant with standard EN 998-1	GP-CSII-W2
Reaction to fire	A2-s1,d0

Warnings

- **The product contains synthetic polymer microparticles (SPM).**
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, solvents or thinners used for cleaning tools, as well as any product residues, **MUST NOT** be released into the environment or poured down domestic drains.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.
- Fresh adhesive must be protected from frost and rapid drying.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The recipient/product/wash water must be disposed of in accordance with national laws.
- Product recommended for expert users.
- Always consult the safety data sheet before use.
- KUBO LIGHT it must be used in its original state without the addition of foreign materials.
- 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.

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.