BETEK THERMAL INSULATION GROUP

BETEK ACRYLIC THERMAL INSULATION PLASTER

DESCRIPTION

Betek Acrylic Thermal Insulation Plaster is a acrylic-based, silicone-added, ready-to-use liquid insulation plaster with superior impact resistance and watertightness that can be used in surface repair of thermal and sound insulation materials like polystyrene-based and rock wool plates, and self-supporting paints and primers.

SPECIFICATIONS

- Ready to use
- Low wastage since the excess material can be used again
- Water tightness
- Flexibility
- Superior impact resistance
- High breaking elongation
- Good tensile strength
- Superior workability and application

TECHNICAL SPECIFICATIONS

Adhesion (on polystyrene plate) : ≥ 0.1 N/mm^2
Vapor Permeability (Sd) : < 0.8 m
Water Absorption : < 0.02 kg / (m^2.$h^{0.5}$)

COLOR

White

SURFACE PREPARATION

Ensure that there is no bulge on polystyrene-based and rock wool plate surface, sand and clean the sand dust if any.

THINNING

Ready to use. Do not thin.

APPLICATION

Fasten the thermal and sound insulation materials like glued polystyrene-based and rock wool plates with dowels after min. 24 hours. Install the profiles and particularly building corners, corners of openings like windows and doors, and joint gaps. Apply **Betek Acrylic Thermal Insulation Plaster** on thermal insulation plates in 4 mm thickness using a 8x8 mm toothed steel trowel. Press alkali resistant mesh (105 g/m^2) 1-1.5 mm in a way that it will be close to the exterior surface with a trowel before the plaster is fully dry by overlapping the meshes by 10 cm, level the plaster surface. Reinforce window and door corners with crosswise mesh. Ensure that the ambient and surface temperatures are min. +5 °C and max. +30 °C during application and drying. Avoid application under conditions including direct sunlight, rain and strong winds. Protect the product from freezing until set. Protect the application against rain or wetting due to various reasons until fully-dry. Clean the utilized tools thoroughly with water after application.

DRYING TIME

At 20 °C and 65% relative humidity; Surface dryness: 24 hours - Fully dryness: 3 days. Low temperature and high humidity lengthens drying time.

CONSUMPTION

Approximately 3.5-4 kg/m^2

Please note that specified consumption values may vary depending on the surface and application conditions.
Controlled sample application must be done for precise coverage / consumption.

PACKAGING
25 kg PE pail
STORAGE
May be stored for 6 months a in its unopened package at a cool environment protected against frosting.

SAFETY STATEMENTS
S 02: Keep out of the reach of children.
S 23: Do not breathe Gas / Smoke / Vapor / Aerosol.
S 24/25: Avoid contact with eyes and skin.
S 37: Wear suitable protective gloves.
S 46: If swallowed, seek medical advice immediately; show the package or label.
S 56: Dispose of this material and its container to hazardous or special waste collection point.