

DESCRIPTION

Roxhesive is a dry, cement based mineral mixture which gives a high-quality adhesive for gluing mineral wool boards to traditional construction substrates after mixing with water.

RECOMMENDED USE

Adhesion of mineral wool boards to mineral surfaces in the Dryvit Roxsulation-SM and Dryvit Roxsulation SLK systems.

NOTE: Mechanical joiners constitute the foundation for mounting mineral wool. Roxhesive makes installation easier and helps level off the surface between adjacent boards.

TECHNICAL DATA

Weight: 25 kg (paper bags)
Coverage: Approx. 4.5-5.0 kg/m². Content of 1 bag is sufficient for fastening approx. 5.5 m² of insulation boards.

Approx. 5.0-5.5 kg/m² for adhesion of lamella boards.

NOTE: Coverage rate has been determined assuming the product is applied by an experienced professional. The actual coverage may significantly depend on the condition of the substrate as well as application method used and individual experience.

Working time:

After mixing with water, usability time of ready-to-use Roxhesive adhesive is 1-2 h, depending on weather conditions.

Drying time:

Between 24 and 48 hours at +20°C and 55% relative humidity for a glue coat up to approx. 5 mm. In case of a thicker coat as well as lower temperatures or higher relative humidity, drying time is longer. Complete curing time of binder is 28 days, as for mortar cement.

Adhesion to concrete:

1000 kPa under air-dry conditions.

Adhesion to mineral wool:

Adhesion of the Roxhesive adhesive to mineral wool exceeds the cohesion strength of boards.

PREPARATION OF SUBSTRATE

The Roxhesive adhesive can be applied on bricks, traditional mineral plaster, concrete and aerate concrete surfaces. The surface should be clean, dry, well bonded and free of tarnishes, blooms, and agents that impede bonding. Adhesion of binder to the surface should be checked prior to starting fastening of EPS board. See Dryvit Roxsulation-SM Installation Instruction manual DS 03.3.01 or Dryvit Roxsulation SLK Installation Instruction Manual DS 08.3.01.

APPLICATION CONDITIONS

Air and substrate temperature at the time of application and during the next 24 h may not drop below +4°C. During this time, the adhesive coat should be protected against water.

PREPARATION FOR USE

Approximately 20 l of ready-to-use adhesive can be obtained from one bag of dry product. Pour approx. 5.5-6.0 l of potable water into a dry 20 l container and then gradually add the dry product in portions, stirring with a slow-speed drill (400-500 rpm) until a uniform mass is obtained. The uniform mass should next be left for 5 minutes for curing. Next, it should be briefly stirred again, adding a small amount of water, if needed.

APPLICATION METHOD

Roxhesive adhesive should be applied onto the surface using the "frame and patch" method (outside frame: width of

approx. 5 cm, of appropriate thickness and 6 patches inside the frame).

The surface of lamella boards should be covered with a coat of adhesive using a toothed metal trowel with 10-12 mm teeth (so-called comb method).

NOTE: Adhesive should only be applied to EPS boards and never the substrate.

The covered board should be immediately applied to the substrate so that the boards constitute a smooth surface. Care should be taken to not allow the adhesive to get between adjacent boards.

NOTE: Mechanical joining using joiners indicated in the project can be started after the adhesive has dried, however no sooner than after 24 hours.

Joints greater than 2 mm should be filled with thermo-insulation material. Clean tools with water while adhesive is still wet.

Roxhesive

MINERAL ADHESIVE FOR ADHESION OF
MINERAL WOOL TO SUBSTRATE



DS.03.4.01

STORAGE TIME AND CONDITIONS

Store in original, sealed bags at temperatures of at least +4°C for a period not exceeding 6 months from the date of manufacture found on

the packaging. Protect bags against moisture.

PERMISSION FOR USE

Product may be used in the Republic of Poland.

Product is part of the Dryvit Roxsulation - SM

system(ITB Technical Approval: AT-15-2794/2003) and Dryvit Roxsulation SLK (ITB Technical Approval: AT-15-6048/2003).
Hygiene Certificate: 3/B-331/97

MADE IN POLAND
ISO 9001

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