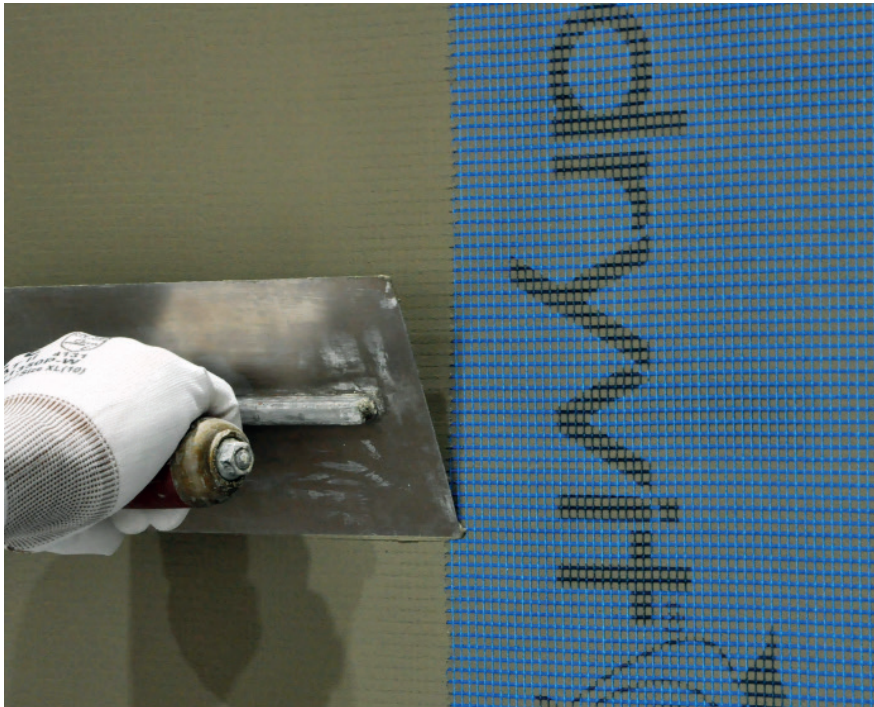


FIBERCOAT

Thick-layer adhesive and reinforcing base coat for stone wool insulation



PRODUCT DESCRIPTION

Fibercoat is a polymer-modified and fibre-reinforced dry mix providing a high quality and flexible adhesive and base coat, when mixed with water. Fibercoat is used to adhere stone wool boards and embed glass fibre reinforcing mesh.

FEATURES & BENEFITS

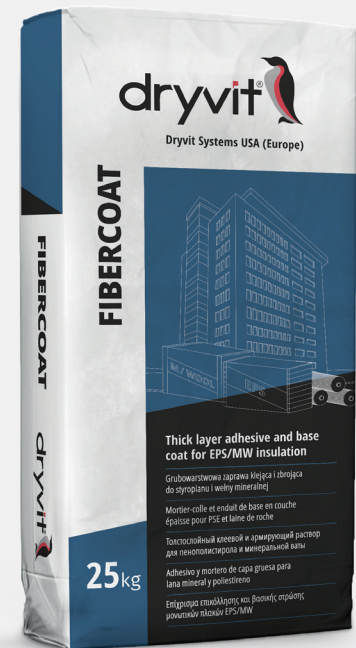
FEATURE	BENEFIT
• Polymer modified	Excellent adhesion to stone wool
• Increased flexibility	Absorbs movement and prevents cracking
• Increased water vapour permeability	No blistering
• Special filler blend	Excellent trowelling properties
• One part product	Just measure water, add and mix
• Fibre-reinforced	Resistant to shrinkage cracks No slumping at thicker application

SUBSTRATE PREPARATION

The surface should be smooth, clean, dry, well bonded, free from deposits, efflorescence, greasy spots and other contaminants impeding application. On porous or friable substrates, Strongsil or Primax primer is applied in accordance with relevant product data sheet.

Prior to applying the base coat over stone wool insulation, the surface of the boards should be inspected for irregularities and flatness any issues shall be corrected prior to proceeding. All fixing heads to be installed under the reinforcing mesh should sit flush to a maximum of 1.5 mm beneath the surface of the insulation board causing a slight dimple at each fastener location. All loose stone wool fibres shall be removed prior to base coat application.

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USES

Adhesive and base coat is used to adhere stone wool boards and embed glass fibre reinforcing mesh in the Roxsulation Pro system.

COLOUR

Available in Grey or White

PACKAGING

25 kg bags

COVERAGE

3.5 - 8.0 kg/m² for embedding Standard Plus meshes
(3.1 - 7.1 m² per bag)

2.5 - 8.5 kg/m² for adhering boards to achieve a minimum of 40% contact between a substrate and the insulation
(2.9 - 10.0 m² per bag)

Note: The actual coverage largely depends on the type of a surface, its preparation, an application method and experience of the contractor.



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MIXING

Carefully measure 5.5 – 6.0 litres of water into a plastic bucket for one 25 kg bag of Fibercoat. Slowly add powder and using a slow speed drill (400–500 rpm) and paddle mix for 5 minutes until homogenous. Allow to stand for 5 minutes then re-mix. Note: The base coat may stiffen on standing. Re-mix the product to regain a workable consistency, add a small amount of water, if needed. Once mixed with water, the workability time is 1-2 hours depending on weather conditions.

APPLICATION CONDITIONS

At the time of application and during the next 24 hours, air and substrate temperature may not drop below +5°C. Fibercoat base coat should be protected against water during this time. Avoid work in direct sunlight and windy conditions.

APPLICATION METHOD

Adhesive

When adhering stone wool boards on an uneven substrate, the Fibercoat adhesive mortar should be applied using the ribbon and dabs method. When fixing through the mesh, the fixings must be installed in accordance with relevant system installation guide.

In case of adhering stone wool lamella boards, the Fibercoat adhesive mortar should be applied onto the board surface using a notched trowel.

Base coat

Apply a thin skim coat of the prepared base coat on the surface of the insulation using a stainless steel trowel. Next, apply additional base coat to achieve an approx. 2 - 3 mm thick layer. The mesh should be embedded immediately after the Fibercoat layer is applied using a stainless steel trowel. The middle of the strip should be embedded first, and then the remaining part should be embedded starting from the middle, moving out, towards the mesh side. The mesh must be fully embedded so that its colour is not visible on the surface. Under smooth textures e.g. Limestone, Freestyle, a final coat to even the surface should be applied after 24 h from embedding the mesh.

DRYING TIME

Approx. 48 hours at a temperature of +20°C and a relative humidity of 55%. At lower temperatures and a higher relative humidity of the substrate, drying time may be longer.

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STORAGE

Store in sealed original packaging, in dry condition at temperatures between 4°C and 38°C, for a maximum of 12 months from the production date indicated on the packaging. Protect the packaging against damages and direct impact of the atmospheric conditions and moisture.

CAUTION AND LIMITATIONS

Apply in dry conditions. At time of application and for the following 24 hours air and substrate temperatures must not drop below + 5°C or rise above + 30°C. The product must be protected against direct sun and windy conditions so sheeting the façade or the scaffold is advised to achieve this. Surrounding windows, window cills etc must be properly protected during application and early curing.

CLEANING

All equipment must be washed with clean water immediately after use. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

HEALTH & SAFETY

Refer to the Roxsulation Pro Application Instructions and the product Safety Data Sheet

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit UK Ltd. products as of the date of publication of this document and is presented in good faith. Dryvit UK Ltd. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit UK Ltd.

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