

# Primus Rox M

ADHESIVE WITH INCREASED FLEXIBILITY AND ADHESION  
FOR EMBEDDING REINFORCEMENT MESH IN ROXSULATION SLK SYSTEM



DS.08.4.05

## DESCRIPTION

Primus Rox M is a plastic modified mineral based adhesive which when mixed with water gives a high-quality elastic mass for embedding of reinforcement mesh in the Dryvit Roxsulation SLK system. Primus Rox M adhesive is characterised by increased flexibility and adhesion.

## RECOMMENDED USE

Embedding of reinforcing mesh - as base coat for silicate textured finishes as part of the Dryvit Roxsulation SLK system.

## TECHNICAL DATA

**Weight:** 25 kg (paper bags)  
**Coverage:** Approx. 3.5-4.0 kg/m<sup>2</sup> for embedding of Standard mesh  
approx. 5.0-5.5 kg/m<sup>2</sup> for embedding of Panzer and Standard mesh

**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:

Working time of Primus Rox M after mixing with water, is 1-2 h depending on weather conditions.

## Drying time:

Approx. 24 h, at +20°C and 55% relative humidity. Drying time in case of lower temperatures or higher relative humidity (in particular during autumn months) is longer.

Due to cement content, complete curing time of adhesive is 28 days.

## Adhesion to mineral wool:

Exceeds cohesion strength between boards and mineral wool.

## Vapour permeability:

The Primus Rox M coat demonstrates a high level of vapour permeability.

## Flammability:

Product classified as inflammable by ITB.

## PREPARATION OF MINERAL WOOL BOARDS:

The front coat of mineral wool board should constitute a uniform, dry and smooth surface, free of spots and other dirt that could hinder binding prior to the start of embedding of reinforcement mesh. Differences between boards exceeding 3 mm are not permitted.

**NOTE:** Mineral wool boards should not be grounded (does not pertain to lamella wool boards).

## APPLICATION CONDITIONS:

At the time of application and during the next 24 hours, air and base temperature may not drop below +4°C. Adhesive should not be applied to moist mineral wool. Protect the Primus Rox M coat against water until it is completely dry.

## 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, if necessary, it should be briefly stirred again, adding a small amount of water until the proper consistency is obtained.

## APPLICATION METHOD

The Primus Rox M base coat should be prepared in two stages.

A levelling coat should first be applied to the board surface using a stainless steel trowel. Small gaps are permitted. When the first coat is dry to the touch, spread a second coat of approx. 1.5-2.0 mm thickness onto a surface slightly larger than mesh width. Embed the mesh immediately. The mesh should be embedded using a stainless steel trowel, moving along its fibres from the middle towards the edges. The mesh should be completely embedded and its colour not visible on any surface. Places, where the mesh colour can be seen, should be covered with a thin coat of Primus Rox M.

The base coat should be protected against rain until it is completely dry.

Detailed information regarding methods of embedding mesh are contained in the Dryvit Roxsulation SLK System installation manual (DS. 08.3.01).

## STORAGE TIME AND CONDITIONS

Store in original, closed bags for a period not exceeding 6 months from the date of production. Protect bags against moisture. Temperature during storage and transportation should be at least +4 °C.

## PERMISSION FOR USE

Product may be used in the Republic of Poland. Product is part of Dryvit Roxsulation SLK system.

ITB Technical Approval (AT-15-4978/2002), Hygiene Certificate: HK/B/0607/01/2003.

MADE IN POLAND

The information provided above complies with specifications regarding Dryvit system installations and is presented in good faith. Dryvit shall not be held liable for design and contractor work. Please contact our company in order to ensure that you are making use of the most recently available information.

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