



KÖSTER KB-Pox Thickening Agent

Thickening, thixotropizing agent for KÖSTER epoxy resins

Features

KÖSTER KB-Pox Thickening Agent increases the viscosity of KÖSTER epoxy resins and stabilizes them on sloped and vertical surfaces.

Technical Data

Color	White
Bulk density	0,08 g / cm ³
Delivery form	Powder

Fields of Application

KÖSTER KB-Pox Thickening Agent is mixed into KÖSTER epoxy resins for working on rising, sloped, or vertical surfaces like skirting and stairs.

Application

Both A and B components must be brought to a temperature between + 15 °C and + 25 °C before application. The components are mixed thoroughly at least 3 min with a mechanical stirring device (below 400 rpm) until a homogeneous consistency is reached.

To avoid defects due to insufficient mixing, repot the material and mix it again. Special care is to be taken that material sticking to the sides of the mixing vessel is mixed in.

After defining the dew point the components are mixed. The surface and room temperature must be at least + 3 °C above the dew point during and for 24 hours after application. Application is done with a squeegee or trowel in two layers. Consumption per layer is 1.3 kg / m². A second layer must be applied within 24 hours of the first. After the material has been emptied onto the substrate, it can be smoothed with a squeegee. Immediately after smoothing the material should be de-aerated with a spiked roller rolled in two directions 90° to another. Spiked shoes must be worn during application while walking over the fresh material.

Consumption

1% to 6%, depending on the application

The consumption values may vary depending on the binder and the inclination of the surface to be treated and can be estimated using the following chart:

Case: e.g. for KÖSTER CT 121 (+20 ° C)

Slight slope: approx. 1 M%

Strong slope: approx. 2 – 4 M%

Vertical surface: approx. 5 M%

Case: e.g. for KÖSTER MS-Flexfolie (+20 ° C)

Slight to strong slope: approx. 2 - 4 M%

Vertical surface: approx. 6 M%

The amount may vary according to the temperature and type of reaction resin used. If working above + 20 ° C, more KÖSTER KB-Pox Thickening Agent may be needed; if working below + 20 ° C, less.

Packaging

CT 764 001	1 kg bucket
CT 764 008	8 kg bag

Storage

Store the material in a dry and frost-free environment. In originally sealed containers it can be stored for a minimum of 2 years.

Safety

Follow all precautions when using KÖSTER epoxy resins for the use of epoxy materials, such as using proper nitrile rubber gloves, safety goggles, splash protection, and long sleeves. Use all Personal Protective Equipment required by governmental, state, and local regulations while processing.

NOTE

By adding KÖSTER KB-Pox Thickening Agent the curing characteristics of the used materials, (pot life, reaction temperature, and curing time) are only marginally affected. The amount of KÖSTER KB-Pox Thickening Agent needed depends slightly on ambient temperature conditions. At higher temperatures more material is needed whereas at lower temperatures less material is needed.

Related products

KÖSTER CT 121	Prod. code CT 121
KÖSTER MS-Flexfolie	Prod. code W 200

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.