



KÖSTER Elastic Roof

2 component, solvent-free, elastic roof coating

Features

KÖSTER Elastic Roof is an elastic, crack bridging, and solvent-free waterproofing material for dry and slightly damp substrates. It is free of VOCs (Volatile Organic Compounds), free of Polyurethanes, and free of Isocyanates. The fast drying foil-like coating is highly flexible, watertight and water vapor permeable. The foil is resistant against ageing, hydrolysis, UV-rays, frost and de-icing salts. The white color reflects heat. Since KÖSTER Elastic Roof sticks to itself, the application is easy and seamless.

10 kg bucket; B-component 5 kg bucket)

Technical Data

Consistency	pasty
Application temperature	+5 °C - + 35 °C
Substrate temperature	> + 5 °C
Application of next layer:	3 hours
Without foot traffic	24 hours
With foot traffic	
Color	white
Breaking load (tension)	>1 N/mm ² (DIN EN 12311/A)
Elongation at break	>100 % (DIN EN 12311/A)
Density	1.1 g/cm ³
Pot life (+ 20 °C)	45 min.

Storage

Store cool but frost-free. In originally sealed packaging the material can be stored for a minimum of 12 months.

Safety

Powder component contains cement. Wear gloves and goggles when processing. Observe all governmental, state, and local safety regulations when processing the material.

Related products

KÖSTER Polysil TG 500	Prod. code M 111
KÖSTER Superfleece	Prod. code W 412
KÖSTER Repair Mortar	Prod. code W 530 025
KÖSTER Brush for Liquids	Prod. code W 912 001
KÖSTER Peristaltic Pump	Prod. code W 978 001

Fields of Application

For protecting, renovating, and waterproofing sloped concrete roofs.

Substrate

The substrate should be dry to slightly damp, solid, clean, and free of loose particles, moss, algae, or other bonding inhibiting substances. Concrete substrates must be primed with KÖSTER Polysil TG 500 (approx. 130 g / m²).

On interior corners, install a fillet made of KÖSTER Repair Mortar approx. 24 hours prior to the application of KÖSTER Elastic Roof. Exterior corners must be broken and rounded.

Application

KÖSTER Elastic Roof is applied in two coats by brush, roller, trowel, or other customary mason's tools. Waiting time before application of the second coat is min. 3 - 24 hours: 3 hours without foot traffic or 24 hours before walking on first layer. Embed KÖSTER Superfleece into the fresh first layer of KÖSTER Elastic Roof in areas in danger of cracking and on wall / floor junctions. Roofs and balconies are always completely reinforced. The fresh coating is water soluble and must be protected from rain until it has fully dried.

Consumption

Total consumption approx. 2.5 to 3.0 kg / m² in two coats
When using a roller for application, more coats are necessary. Do not exceed layer consumption by more than 100%.

Cleaning

Clean tools immediately after use with water.

Packaging

R 238 015 15 kg Combi Pack (A-component)

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.