



## KÖSTER Dachflex

Technical Data Sheet R 260 020

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- Industry classification "Dachflex" registered at the German patent office, 395 06 702  
 - Test Report, College of East Friesland - Water vapor permeability

### Solvent-free synthetic coating

#### Features

KÖSTER Dachflex is an elastic, pasty, solvent-free synthetic waterproofing material for dry and slightly damp substrates. The fast drying coating is highly flexible, watertight and water vapor permeable. The cured membrane is resistant to aging, UV and frost /de-icing salts. KÖSTER Dachflex can be colored with weather and UV resistant pigments.

#### Technical Data

Consistency	30,000 – 50,000 mPa*s (+ 23 °C)
Application temperature	above + 5 °C
Substrate temperature	above + 5 °C
Application of next layer	after approx. 12 hours (+ 20 °C)
Color	white (colorable)
Breaking load (N / mm <sup>2</sup> )	0.7 (at + 23 °C)
Elongation at break (%)	260 (at + 23 °C)

#### Fields of Application

For repairing cracked facades, for the protection and renovation of roofs made of roof tile, concrete roof tile, bituminous roofing materials, fiber-cement plates and screeds. The surfaces must have a min. slope of 5 %.

#### Substrate

The substrate should be dry to slightly damp, solid, clean and free of loose particles, moss, algae, etc.

Absorbent mineral substrates must be primed with KÖSTER Polysil TG 500 (consumption approx. 130 g / m<sup>2</sup> - 250 g / m<sup>2</sup>).

In both cases, KÖSTER Dachflex can be applied after approx. 3 hours.

On vertical intersections or on wall / floor junctions, install a fillet made of KÖSTER Repair Mortar approx. 24 hours prior to the application of KÖSTER Dachflex.

Pigments used for coloring must be compatible with acrylics.

#### Application

Stir KÖSTER Dachflex thoroughly before application. The material is applied in two coats (waiting time approx. 3 hours before application of the second coat). Embed KÖSTER Flex Fabric between the two layers of KÖSTER Dachflex in areas in danger of cracking and on wall / floor junctions. It is also possible to spray the material onto the substrate, for example with the KÖSTER Peristaltic Pump. The fresh coating is water soluble and must be protected from rain until it has fully dried. It is possible to color KÖSTER Dachflex with weather- and UV-resistant pigment pastes. These pigment pastes must be compatible with acrylates.

#### Notice

The formation of puddles or standing water due to inadequate roof drains (high lying roof drains or similar causes) or inadequate roof slope (minimum slope 5%) must be excluded prior to the application of KÖSTER Dachflex.

#### Consumption

0.75 - 1.0 kg / m<sup>2</sup> per coat; 1.5 to 2.0 kg / m<sup>2</sup> total consumption

When using a roller for application, more coats are necessary.

#### Cleaning

Clean tools immediately after use with water.

#### Packaging

R 260 020 20 kg bucket

#### Storage

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

Water which has separated on the surface can be stirred in.

#### Safety

Observe all governmental, state, and local safety regulations when processing the material.

#### Related products

KÖSTER Polysil TG 500	Prod. code M 111
KÖSTER Glass Fiber Mesh	Prod. code W 411
KÖSTER Flex Fabric	Prod. code W 450
	100
KÖSTER Repair Mortar	Prod. code W 530
	025
KÖSTER Brush for Liquids	Prod. code W 912
	001

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.

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