



KOSTER Dachflex

Solvent-free synthetic roof coating

Features

KOSTER Dachflex is an elastic, solvent-free synthetic waterproofing material for dry or damp substrates. The fast drying foil-like coating is highly flexible, watertight, and water vapor permeable. The foil is resistant against aging, UV rays, frost, and de-icing salts. KOSTER Dachflex can be colored.

Technical Data

Application temperature	≥ 40 °F
Substrate temperature	≥ 40 °F
Application of next layer	After approx. 12 hrs
Color	White (colorable)
Water vapor permeability	1.6 lb/1000 sq ft/d
CO2 permeability	0.08 lb/1000 sq ft/d
Breaking load, 70 °F	275 psi
Elongation at break, 70 °F	257 %

Fields of Application

KOSTER Dachflex is designed for protection and for renovation of roofs made of roof tile, concrete roof tile, bituminous roofing materials, and fiber-cement plates. It is also suited for flat roofs. The surfaces should have a minimum slope of approx. 5%.

Substrate

The substrate must be dry to slightly damp, solid, clean and free of loose particles. ECB-membranes must be weathered prior to being coated with KOSTER Dachflex. Highly absorbent mineral substrates must be primed with KOSTER Polysil TG 500 (coverage approx. 0.027 lb/sq ft). Prime all non-absorbent substrates with a mix of KOSTER Dachflex and water at a ratio of 1:1. In both cases, KOSTER Dachflex can be applied after approx. 3 hours. At wall/floor junctions, install a fillet of KOSTER Repair Mortar approx. 24 hours before application of KOSTER Dachflex.

Application

Stir KOSTER Dachflex thoroughly before application. Apply the material in two coats. Wait approx. 3 hours before application of the second coat. Embed KOSTER Glass Fiber Mesh between two layers of KOSTER Dachflex in areas in danger of cracking and at wall/floor junctions. The material can also be sprayed with a suited peristaltic pump. Protect the fresh coating from rain until it has fully dried. KOSTER Dachflex can be colored with weather- and UV-resistant pigment pastes. These pigment pastes must be compatible with acrylics. Do not allow puddles to form or standing water to gather on top of the coating.

Coverage

Approx. 0.15 - 0.2 lb/sq ft per coat

Cleaning

Clean tools immediately after use with water.

Packaging

R 260 020 3.53 gal bucket

Storage

Store in a cool, dry place. Protect from freezing. In original sealed packages, it can be stored for 12 months.

Safety

Consult Safety Data Sheet. Always wear proper personal protective equipment when handling this product.

Limited Warranty

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

Related products

KOSTER Polysil TG 500	Art.-Nr. M 111
KOSTER Glass Fiber Mesh	Art.-Nr. W 411
KOSTER Repair Mortar	Art.-Nr. W 530 025

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 installer is responsible for the correct application taking into consideration the specific conditions of the construction site and 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 deviate from the specifications contained in any Company literature may not be relied upon in the absence of written confirmation from the Company. The installer must comply with all testing, technical requirement, guidelines, and industry customs at all times. The terms, conditions, and limitations contained in the written warranty for the product controls over the specifications contained herein. This guideline has been technically revised; all previous versions are invalid.