

KÖSTER Dachflex

Ready to use, environmentally friendly synthetic coating for the repair of leaking flat roofs and as preventive protection for the waterproofing of roofs sealed with bituminous sealing membranes, cementitious fibreboards and concrete.

- TM " Dachflex " protected by Law, German Patent Office, No. 395 06 702
- Official Test Report, College of East Friesland permeability to water vapour

Product Description:

Turkish product name > KÖSTER Dachflex

Elastic, pasty, solvent free synthetic coating for dry and slightly damp surfaces.

The coating dries very fast, has a foil like structure, is highly flexible, is watertight and permeable to vapour.

It is resistant against ageing, UV rays, frost, exposure to de-icing salt and many other aggressive components. Hardly flammable.

Due to its fair colour it reflects up to 75 % of insulation.

KÖSTER Dachflex is free of plastizicers and is self polymerising. A special polymerisation system reacting to daylight creates a nonadhesive surface. This results in an effective protection against soiling.

Applicable very easily with uncomplicated means on flat or heavily inclined areas as well as on links to vertical building units. The roof inclination must have an inclination of at least 5 %. The roof inclination must have an inclination for drainage. One should avoid puddles and extra ballast.

Applications:

Used for the preventive protection and for the repair of roofs made of concrete, bituminous porducts, cementitious fibreboards and screed, also suitable for flat roofs. The roofs should have a construction accordign to the rules of roofs.



Technical Data:

| Application temperature | | +5°C to +30°C |
|----------------------------|--------------------|---------------------------------|
| Color | | white |
| Water absorption rate (4 | 18 hours und | ler water) app. % 6,0 |
| Water vapor permeability | / | 7,8 g / m² day |
| Air layer of equal thickne | ess S _d | <u>2,50 m</u> |
| CO2 permeability | | 0,4 g / m² day |
| Air layer of equal thickne | ess R _b | 570 m |
| Tensile strength | <u>(+23 °C)</u> | 1,70 – 1,80 N / mm ² |
| Elasticity | (+23 °C) | % 400 |

Instructions:

Substrate:

Surfaces must be clean, sound and dry (or slightly damp). Dust, oil, grease, old coatings, laitance, efflorence, rust, curing compounds, waxes, form oil and similar



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contaminations should be cleaned or removed prior to application.

Application of KÖSTER Dachflex:

The required primer consists of KÖSTER Dachflex diluted with water at a ratio 1:1. Apply a rich layer by brush. Apply Dachflex to the roof with a roll, brush or jet in two operations after app. 2-3 hours. Apply the second coat after app. 3 hours (bonding free). Insert KÖSTER Glass Fibre Mesh in the middle on crack endangered areas. The fresh coating is water-soluble and needs protection from rain until it is completely dry. The coating is rainproof at an outdoor temperature of +20 °C after apr. 24 hours.

Consumption:

| Dachflex | (2 - 3 lavers) | $1.50 - 2.50 \text{ kg} / \text{m}^2$ |
|----------|----------------|---------------------------------------|
| | | |

Packaging:

| KÖSTER Dachflex | 20 kg plastic pail |
|-----------------|--------------------|
| KÖSTER Dachflex | 5 kg plastic pail |

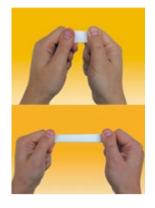


Notes:

- Do not apply below 5 °C or if temperatures below 5 °C are expected within 24 hours.
- Do not apply on wet or frozen surfaces

Storage:

Store in dry conditions and at room temperatures, in original containers. Protect from direct sunlight and freezing.



Shelf Life:

12 months.

Health and Safety:

Wear suitable protective clothing, gloves and eye / face protection. Adequate ventilation of the working area is recommended. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When using do not eat, drink, smoke and keep away from sources of ignition. For additional references safety-hazard warnings, regulations to regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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| GEBKİM Kimya Atatürk Bulvan DİLOVASI / İ | No: 6 41455 | |
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| 1020 - CPR - 04 | 40 051989 | |
| DOP NO. | 009 | |
| EN 150 | 4-2 | |
| KÖSTER Da Elastomeric Resin Bar Liquid Men | ed UV Resistant | |
| Coating application | n (C) 1.3/2.2 | |
| Permeability to CCe | 002 sp > 50 m | |
| Permeshility to Water Vapour | Class II | |
| | W < 0,1 kg/m².h 0,5 | |
| Capillary absorption and permeability to water | | |
| Capillary absorption and permeability to water Pull-off | Cold chard of foliat system without selfs load a cold synam sorts | |
| Provide and strain. | Chiel daug of faille system attract to the state k-mark color D-\$1,40 | |

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