



// Technical Data

Water vapor permeability	Class I ($S_d < 5 \text{ m}$) water vapor permeable
Adhesive strength	Crack bridging system or flexible systems without traffic load $\geq 0.8 \text{ N/mm}^2$
Application temperature	+ 5 °C to + 35 °C
Tensile strength (+23 °C)	1.3 N / mm ²
Elasticity	500%
Service temperature	- 30 °C to + 90 °C
Application thickness	1.5 – 2.5 mm
Waiting time before second layer	min. 30 Min.
Rainproof after	approx. 30 Min.
Density	1.45 - 1.5 g / cm ³
Accelerated weathering test ASTMG154	Unchanged after 5000 h



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KÖSTER MS-Flexfolie

Highly elastic, one-component waterproofing

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Fast curing

UV-resistant

// Application



1 KÖSTER MS-Flexfolie is a ready-to-use 1C product



2 Prepare substrate by cleaning with wire brush and/or vacuum cleaning



3 Can be applied by brush,...



4 ... by trowel...



5 ... or by roller.



6 Application in two coats



7 KÖSTER Superfleece can be embedded into the fresh layer on substrates that are at risk of cracking



8 Waterproofed!

// Product Features

Developed in-house, KÖSTER MS-Flexfolie is based on state-of-the-art MS polymer technology. It combines unique characteristics resulting in a multi-purpose waterproofing and repair material that can be applied in multiple areas.

With its excellent adhesion to a variety of substrates and surfaces including concrete, screed, metal, wood, PVC and plastics, the product is an excellent waterproofing and repair material. Additionally, due to its UV stability, KÖSTER MS-Flexfolie is suitable for indoor and outdoor use.

The material is single component and is therefore ready to use directly from the bucket. Once applied, the moisture curing material sets within 30 minutes. Unlike other off-the-shelf waterproofing systems, KÖSTER MS-Flexfolie does not require long waiting times before subsequent work steps can ensue. The product is liquid applied and therefore allows very easy and smooth application even over complex architectural details.

Key features of KÖSTER MS-Flexfolie:

- Applicable on dry or slightly moist substrates
- Seamless application on complicated architectural details
- Highly UV resistant
- Solvent and isocyanate free
- Highly flexible
- Resistant to hydrolysis and frost
- Minimal safety requirements
- Applicable on a wide variety of substrates

KÖSTER MS-Flexfolie:

KÖSTER MS-Flexfolie is crack bridging and has an elasticity of over 500%. The fast curing coating is solvent-free and can be applied to dry and slightly moist substrates. It is resistant to rain after approx. 30 min. The material is also resistant to aging, hydrolysis, UV-rays, salts, frost, and occasional foot traffic. KÖSTER MS-Flexfolie is CE certified according to the EN 1504-2 as a surface protection product throughout Europe.

KÖSTER MS-Flexfolie passed the accelerated cyclic weathering test according to the ASTM G154.