

TECHNICAL DATA

CONTACT DETAILS

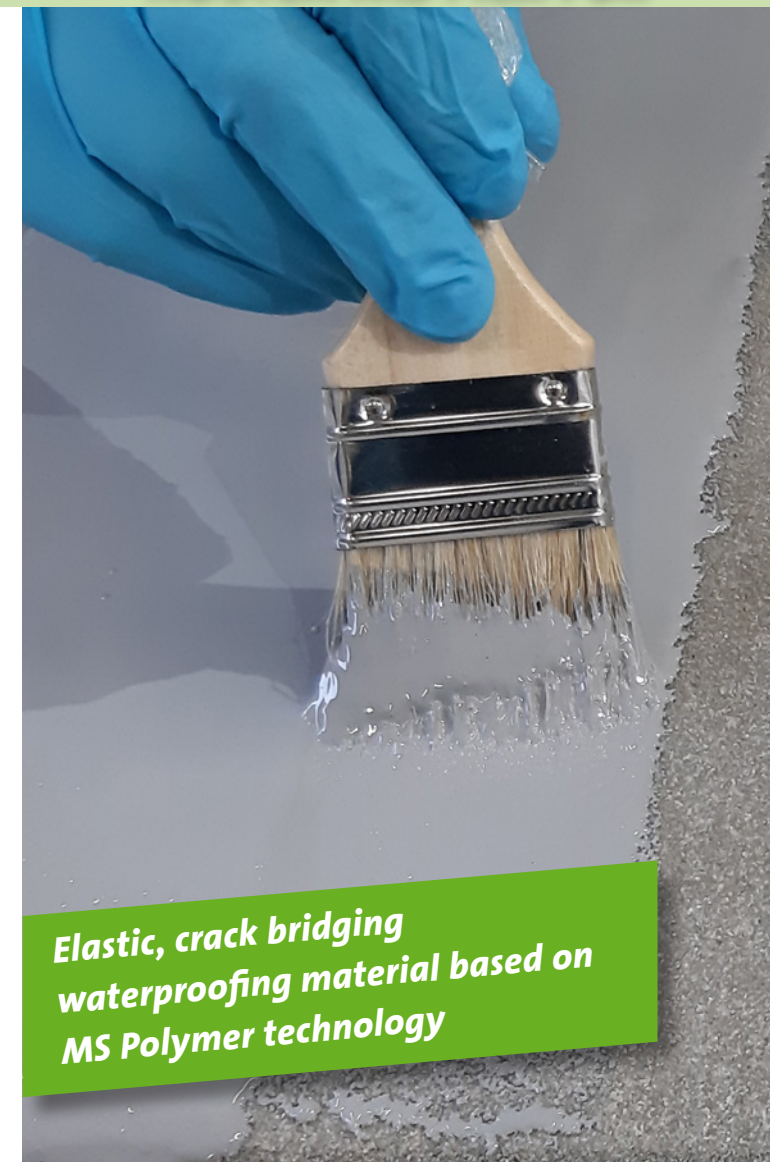
Highly elastic, UV resistant waterproofing KÖSTER MS Flex Foil



| Technical Data | KÖSTER MS Flex Foil |
|---------------------------------------|---|
| Water vapor permeability | Class 1 |
| Capillary absorption | W 0.5 |
| Adhesion strength | Crack bridging system or flexible systems without traffic load ≥ 0.8 N/mm ² |
| Response to fire | D-s 1, d0 |
| Dangerous materials | Materials 5.3 appropriate |
| <hr/> | |
| Application Temperature | + 5 °C - + 35 °C |
| Tensile strength (+ 23 °C) | 1.3 N / mm ² |
| Elasticity | 500% |
| Service temperature | - 25 °C - + 80 °C |
| Application thickness | 1.5 - 2.5 mm |
| Max. waiting time for second layer | 12 h |
| Complete cure after (+ 23 °C) | 24 - 48 h |
| Density | 1.5 g / cm ³ |
| Accelerated weathering test ASTM G154 | unchanged after 5000 h |



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Elastic, crack bridging
 waterproofing material based on
 MS Polymer technology

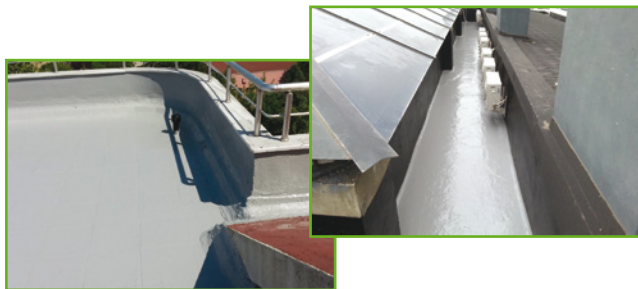
PRODUCTS

PRODUCT FEATURES

Developed in-house, KÖSTER MS Flex Foil 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 several different areas.

With its excellent adhesion to a variety of substrates and surfaces including concrete, screed, bitumen, metal, wood, PVC and Polycarbonates, the product is an excellent waterproofing and repair material. Additionally, due to its UV stability, KÖSTER MS Flex Foil 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 is set within 30 minutes. Unlike other off-the-shelf waterproofing systems, KÖSTER MS Flex Foil does not require long



APPLICATION



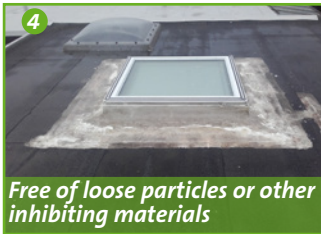
1 Limited safety requirements



2 Applicable on different types of substrates



3 Substrate preparation



4 Free of loose particles or other inhibiting materials



5 Can be applied with simple customary tools



6 Can be applied with customary tools



7 Applied in two coats



8 Waterproofed!

KÖSTER MS Flex Foil

waiting periods before subsequent work steps can ensue. The product is liquid applied and therefore allows very easy and smooth application even on complex architectural details.

KÖSTER MS Flex Foil 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 Flex Foil is CE certified according to EN 1504-2 as a surface protection product throughout Europe.

The key features of KÖSTER MS Flex Foil at a glance:

The advantages of KÖSTER MS Flex Foil:

- Applicable on dry or slightly moist substrates
- Seamless application on complicated architectural details
- UV resistant
- Solvent and isocyanate free
- Highly flexible
- Resistant to hydrolysis and frost