



T704 / 0203.ENG

KÖSTER® 2K Flex

Cement based, polymer modified flexible waterproofing slurry

Product Description:

Turkish product name > KÖSTER 2K Flex

KÖSTER 2K Flex sealing slurry is a mineral coating with flexible properties.

KÖSTER 2K Flex can be used as a economic waterproofing layer below tiles in bathrooms, balconies and damp rooms.



Applications:

KÖSTER 2K Flex sealing slurry seals horizontal and vertical surfaces made of concrete, masonry or cementitious plaster (only positive side) in damp rooms, bathrooms, shower rooms and similar.

Technical Data:

Compressive strength (28 day)	EN 196-1 16,8 N / mm ²
Tensile strength (28 day)	EN 196-1 6,95 N / mm ²
Mixing ration	0,33 lt liquid / kg powder
Adhesion to concrete	1,5 N / mm ²
Powder component density	1,53 kg / lt
Liquid component density	1,03 kg / lt
Mixing density	app. 1,90 kg / lt
Application temperature	+5°C to +30°C

Instructions:

Job Conditions - Air and surface temperature for application must be +5°C to +30°C and must remain so for a minimum of 24 hours.

Temporary Protection - Shall be provided at all times until the material is fully cured.

Surface Preparation - The surface has to be sound and solid, free of laitance, paint, dust, form oil and other contaminants that might affect the bonding adversely. Suitable tools are wire brushes, high-pressure water jets, sand and shot blasting. Cracks and surface honeycombs should be chiselled open

so that application of an even uniform coat can be achieved. Smaller honeycombs, cracks and depressions should be filled with KÖSTER Repamor THIN and be allowed to dry for 24 hours before commencing.

Cracks, honeycombs and depressions larger than 5 mm should be filled with KÖSTER Repamor and be left for curing for at least 24 hours.

Surfaces must be damped before application but water ponding should be prevented.





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Primer – Dusting, weak or salt efflorence containing surfaces should be primed with KÖSTER Polysil TG 500.

Mixing – One bag (25 kg) of KÖSTER 2K Flex should be mixed with 5 kg KÖSTER 2K Flex liquid component and 2,5-3,0 lt of clean water.

First step should be to premix the liquid components.

The powder should always be added to the liquid slowly and during continuous mixing action with power mixer equipped with mixing paddle.

Subsequent Layers – Apply the sealing slurry with a firm brush or a suitable spraying device. Allow every coat to dry completely before applying the next one.

Do not apply layers thicker than 1,0 mm in a single coat.

Consumption:

Against ground moisture min. 2,0 kg/m² in 2 layers

Against non-pressurized water min. 3,0 kg/m² in 2 layers

Against pressurized water min. 4,0 kg/m² in 3 layers

Packaging:

Powder Component 25 kg bag

Liquid Component 5 kg container



Cleaning of Tools:

Clean tools with water while material is still wet.

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. Do not apply on dusting or weak surfaces. If in doubt, perform adhesion test.

Storage:

Containers must be stored at +5°C to +30°C in tightly sealed containers. Keep out of direct sunlight, protect from water and freezing.

Shelf Life:

12 months.

Caution:

Powder component contains cement. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye / face protection. 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. For additional references to safety-hazard warnings, regulations regarding the transport and waste management please refer to the relevant Material Safety Data Sheet.

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KÖSTER YAPI KİMYASALLARI İNŞ. SAN. ve TİC. A.Ş. GEBKİM Kimya İhtisas OSB Atatürk Bulvarı No: 6, (41455) Dilovası - KOCAELİ 16	
1020 - CPR - 040 051989 DOP NO: 004 EN 1504-2 KÖSTER 2K Flex Cement based, polymer modified flexible waterproofing slurry Coating application (C) 2.2	
Permeability to water vapour	Class II
Capillary absorption and permeability to water	W < 0,1 kg/m ² .h ^{0,5}
Pull-off	Crack closure or flexible systems without traffic load ≥ 0,8 N/mm ² (0,5)h
Response to Fire	C-s1,d0
Dangerous Materials	Materials 5.3 appropriate



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