

KÖSTER

Waterproofing Systems

T704 / 0207.ENG

KÖSTER® Wasserstop

Expanding, fast curing plugging mortar for sealing water leakages

Product Description:

Turkish product name > KÖSTER Wasserstop

KÖSTER Wasserstop is a fast curing, expanding plug and repair mortar. Through the fast curing and the slight expansion of the curing mortar, an intensive contact between the existing substrate and the mortar is achieved. This way, even cracks bearing pressurised water and water leakages can be sealed fast.

Field of Application:

KÖSTER Wasserstop can be used to seal water leakages in concrete, masonry and natural stone structures quickly. The material can also be used to form fillets which are subject to pressurised water, to seal slotted walls, manholes, cable and pipe penetrations, and to subsequently seal damaged pipe joints in canal construction even if they are exposed to pressurised water.

Substrate Preparation:

A solid, sound and clean substrate is the precondition for a permanently safe waterproofing. The area to be waterproofed may not be subject to movements. Remove the material around leakages at least 2 cm deep. Dry substrates have to be wetted thoroughly with water.

Application:

Mix KÖSTER Wasserstop with approx. 220 ml / kg of clean water homogeneously into a stiff mortar. Due to the fast curing, we recommend to prepare only small amounts at a time.

In case of leakages, the pre-stiffened mortar is pressed by hand into the cavity and then pressed on firmly for approx. 1 – 2 minutes (until cured). If temperatures are low, the

curing time can be accelerated by pre-warming (hand-warm) the mixing water. Substrate temperature and surrounding temperature should not be below + 5°C.

In order to prevent the escape of moisture from the area surrounding the leakage, it is recommended to coat this region with KÖSTER NB 1 grey (min. 40 cm radius around the leakage) (consumption approx. 3,0-4,0 kg / m²).

Technical Data:

Color	Concrete gray
Mixing ration	app. % 15 (With clean water)
Bulk density	TS EN 6433 app. 1,5 g / cm ³
Compressive strength	app. 85 N / mm ² (28 day)
Tensile strength	app. 8,5 N / mm ² (28 day)

Consumption:

Approx 1 lt space	2 kg void
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Packaging:

KÖSTER Wasserstop	10 kg tin pail
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Cleaning of Tools:

Clean tools with water while material is still wet.

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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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