

KÖSTER® Quellband 2520

Water swellable joint tape on sodium bentonite base

Product Description:

Turkish brand name > KÖSTER Quellband 2520

KÖSTER Quellband 2520 is a sodium bentonite based water swellable joint tape with an alkalinity activated surface coating which stops premature swelling of the tape on the building site.

KÖSTER Quellband 2520 is used as a waterstop in concrete construction joints. The tape is supplied as a robust strip and is simply fastened onto an existing joint face before the next concrete pour. Any subsequent water leakage through the joint activates the tape, which takes up leak water and swells. KÖSTER Quellband 2520 is tested upto 7 bar water pressure.



In comparison to plastic or resin based swellable tapes, which do not alter their structure during swelling, KÖSTER Quellband 2520 breaks down during the swelling process and the resulting paste seals all cracks and voids permanently.

KÖSTER Quellband 2520 is suitable to be used in potable water tanks. The tape also has a limited swell in seawater tanks and water treatment plants.

The tape is easy to use and has a non-sticky surface, even at high temperatures in the summer.

Application is very easy, the tape is nailed down on the concrete joint.

Applications:

KÖSTER Quellband 2520 can be used in horizontal and vertical joints.

Horizontal joints ; flor/flor, flor/wall, wall/ceiling and ceiling/ceiling joints

Vertical joints ; wall/wall

Advantages:

- Alkalinity activated – stops premature swelling on water contact
- Easy application
- No special tools are needed
- High swelling capacity
- Permanent seal of the joint after swelling – fills all voids and cracks in the concrete
- High stability - works even after years

Instructions:

Surface Preparation - Surfaces shall not be below 5°C and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.

Application – KÖSTER Quellband needs to be covered with at least 8 cm concrete on all sides to reach the necessary expansion pressure.

The tape must be fixed in the middle of the joints and should not be able to move during pouring of concrete.

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Packaging:

KÖSTER Quellband 2520 6 x 5 mt roll / ctn



Storage:

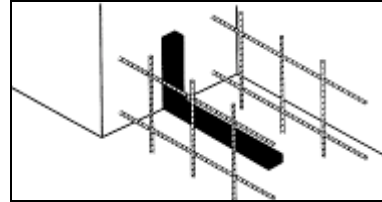
Dry and at room temperature, in original containers.

Shelf Life:

18 months.



KÖSTER Quellband before and after



Typical application detail in joint

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