



X-COLL 10KG

Two-component flexible surface waterproofing
N.º art. 73790542/S

X-coll EN 14891

A cement-based waterproofing product for indoor and outdoor use under ceramic tiles and boards.

EN 14891: CM

Initial adhesion tensile strength: $\geq 0.5 \text{ N/mm}^2$

Adhesion tensile strength

after immersion in water: $\geq 0.5 \text{ N/mm}^2$

after heat ageing: $\geq 0.5 \text{ N/mm}^2$

after freezing-defrosting cycles: $\geq 0.5 \text{ N/mm}^2$

after immersion in lime water: $\geq 0.5 \text{ N/mm}^2$

Water tightness: Impermeable

Crack propagation resistance: $\geq 0.75 \text{ N/mm}^2$



Type and application

X-COLL is a new type of mineral-based, flexible surface waterproofing made from two components.

X-COLL has a powder component, **X-COLL 2K /PK**, and a liquid component, **X-COLL 2K /FK**.

X-COLL is used both inside and outside to waterproof walls and floors.

X-COLL is easy to use and sticks Signapool waterproofing corners, hoses, and tapes securely, as well as the overlapping points on the SIGNAPOOL S1 and SIGNAPOOL S2 waterproofing sheets.

Bases

All mineral bases regularly used in construction are suitable. They should be stable and flat, as well as clean and free of substances that inhibit adhesion. Ensure the base is suitable if the aim is to overlay tiles and boards after the waterproofing. Base humidity is not a problem, as long as the water does not pool.

Application

Mix the components in a clean and neutral container. Put the liquid component, **X-COLL 2K /FK**, into the mixing container and gradually mix in the powder component, **X-COLL 2K /PK**.

Mix with a slow stirrer until the mass is smooth and lump-free.

Minimum mixing time 3 min., ageing time 3 min., subsequent stirring time 2 min.

Depending on the case, add some water to achieve the desired consistency (max. 0.5 l). Uniformly apply across the entire surface with a paintbrush, brush, or spatula, in one or several movements.

Apply a second layer when the first layer has dried enough to prevent damage from the passage of people or any other mechanical wear.

In order to achieve a uniformly thick layer, apply **X-COLL** with a 4 mm toothed trowel, and then seal the dry threads with a straightener.

Do not apply more than 2 kg/m^2 at once, as cracks may appear in the waterproofing layer otherwise due to the high dispersion percentage.

Technical data

X-COLL 2K /PKsand, cement, additives
X-COLL 2K /FKhigh quality dispersion, resistant to saponification
X-COLL density approx. 1.85 g/cm³

Mix

7.5 kg **X-COLL 2K /PK** with 2.5 kg **X-COLL 2K /FK**

X-COLLmaterial consumption 3.50 to 4.00 kg/m²

Processing timeapprox. 1 hour*

Base/processing temp. +5 °C to +35 °C

** under standard conditions +20°C, 50% RH*

Equipment cleaning

With water if the material is fresh,

Mechanical removal only if the material is dry.

Supply presentation

A combined container with:

X-COLL 2K /PKa 7.5 kg plastic container

X-COLL 2K /FKa 2.5 kg plastic container

Storage/conservation time:

Sealed, dry, in its original container, 12 months. The contents of an open container should be used as soon as possible.

Note:

Protect surrounding surfaces from **X-COLL**'s action.

Please refer to the current CE safety data file.

Keep out of the rain and protected whilst drying.

GIS CODE: ZP1 – **X-COLL 2K /PK**

D1 – **X-COLL 2K /FK**



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