

CONSTRUCTION CHEMICALS PRODUCT GROUP

BETEKSTOP®

DESCRIPTION

Cement-based, single-component crystallized waterproofing mortar with capillary effect that can be applied from negative and positive sides with polymer additives containing special type of cement and filling to provide solutions in situations like paint blistering and plaster flaking.

APPLICATION AREAS

Used in the insulation of foundations, curtain and sustaining walls at horizontal and vertical surfaces of indoors and outdoors, and basement walls of existing buildings. Used in pre-ceramic insulation of wet surfaces like balconies, bathrooms, WCs; in protection of concrete seaside buildings from the abrasive and corrosive effects of water; in protection against rain water entering with wind; in insulation of underground structures like storm drain, flume, tunnel, shelter, parking lot and elevator shaft; and in insulation of concrete water retaining structures like water tank, swimming pool and cistern.

SPECIFICATIONS

- Prepared by mixing with water only. Applied easily with brush or trowel.
- Used securely in waterproofing of horizontal and vertical surfaces both from negative and positive sides.
- Applied securely to all kinds of cement-coated surfaces, and all old and new brute concrete surfaces.
- Offers non-abrasive, non-corrosive full water insulation that can't be passed and detached from the surface.
- Provides resistance against mechanical and chemical impacts. Protects the iron and concrete against abrasive effects of water.

TECHNICAL SPECIFICATIONS

Color: Gray

Powder Mixture Density: $1.4 \pm 0.1 \text{ g/cm}^3$

Fresh Mortar Density: $1.5 \pm 0.1 \text{ g/cm}^3$

Pressurized Water Strength: $\geq 1.5 \text{ bar}$ (positive direction)

Adhesion Strength: $\geq 1 \text{ N/mm}^2$ (28 days)

Water Absorption: $\leq 0.2 \text{ kg/m}^2 \text{ h}^{1/2}$

Compression Resistance: $\geq 15 \text{ N / mm}^2$

Bending Resistance: $\geq 5 \text{ N / mm}^2$

Working Life: 1 hour (at +20°C)

Coat Resting Period: 5 hours

Drying Time: 24 hours

APPLICATION

Clean the application surface from all kinds of dirt, dust etc. preventing adhesion of the product. Use pressurized water and soapy warm water if required. Apply to raw plaster or concrete surface. Remove all the materials on the surface such as coating, paint using mechanical methods until brute concrete is reached. Ensure that the application surface is damp-dry and clean. Ensure the application surface has a slope that will prevent ponding (min. 5%). Use Betek Stako and/or Betek Stako 0 repair mortars for surface smoothness before the application. Bevel the vertical and horizontal cold joints with Stako repair mortar by opening joint gaps.

Moisturize the surfaces after the surface preparation is complete.

Mix 25 kg Betekstop with 6-6.5 L clean water for brush application and with 5-5.5 L clean water for trowel application. Ensure the mixture is prepared with a low-speed mixer (400-600 rpm). Mix until all the air bubbles disappear and a homogenous mixture is obtained. Apply in 2 coats.

WARNING:

Apply at temperatures between +5°C - +30°C

Protect the application surface from rain, frost, direct sunlight, pedestrian and vehicle traffic starting at least 24 hours before the application.

Cover the areas that may be exposed to direct sunlight.

Clean the hand tools used for application using water after the application. Wear gloves during application. Wash eyes and skin with plenty of water in case of contact with the product. Consult to a doctor urgently in case of an allergic reaction.

CONSUMPTION

3 kg/m² in average (2-coat application)

The specified consumption values are approximate. Since there will be differences based on the number of pores and holes on the surface, the precise consumption can only be determined at the end of the application.

STORAGE

May be stored for 6 months in its unopened packaging at a cool and dry environment protected against moisture, frost and direct sunlight.

PACKAGING

25 kg Kraft Bag

HAZARD DESCRIPTION

Xi Irritating.

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.



Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see on this label).

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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