

CONSTRUCTION CHEMICALS PRODUCT GROUP

BETEK STAKO 0 ®

PRODUCT DESCRIPTION

Cement-based, thin repair mortar containing lime-free, polymer modified fillings developed to partially or fully correct, fill and repair a surface.

APPLICATION SURFACES

Used in repairing the superficial capillary cracks of mineral-based interior or exterior surfaces like concrete, exposed concrete, gas concrete and plaster that are formed later even though they were corrected before with rough cast, finish plaster of mineral-based special plasters. Used securely in filling gaps or holes up to 3 mm on such surfaces and creating smooth surfaces by correcting the dimension mistakes.

SPECIFICATIONS

- Produced with fillers like Silica sand and calcite of Portland cement in line with DIN 1164 at the suitable sieve and particle size.
- Modified with special powder and polymer products against humidity and corrosion.
- The largest particle diameter is 0.2 mm. In a structure that can be used in 0.2 – 3.0 mm thickness at a single application. Provides a smooth polish. Does not crack, shrink, sag or sink during application.
- Ensures the smooth look of top paint or coat and increases its resistance by creating a very smooth surface.
- Recommended to use synthetic emulsion based Betek Lateks and water mixture to improve the characteristic properties of fresh hardened Stako 0. (1kg Lateks + 4kg. Water)

Fresh Mortar Properties:

- Low water absorption value.
- Easy to apply and labor saving.
- Long working time.
- Gives the chance to create very smooth surfaces.
- 70 L fresh mortar with 100 kg dry Stako 0.
- Fresh Plaster Density: 1.80 g/cm³
- Dry Powder Density: 1.35 g/cm³

Hardened Mortar Properties:

- High pressure and bending resistance.
- High adherence power.
- Increased elasticity.
- Resistant against water and humidity.
- No weathering, mossiness or shrinkage.
- Compression Resistance: $\geq 12 \text{ N / mm}^2$
- Bending Resistance: $\geq 2 \text{ N / mm}^2$
- Adhesion Strength: $\geq 1 \text{ N/mm}^2$

APPLICATION

Clean the application surface from all bloated layers, dust and dirt. Remove the weak and loose surfaces fully from the old surface using mechanical methods. Clean the old paint layer on the surface as much as possible or fully before applying Stako 0 to smooth especially the surfaces that were painted even though they were not very smooth. Dampen right before application.

Mix 5 L water with 1 bag (25 kg) of Stako 0 in a clean container using a low-speed (max. 400 cycles/minute) mixer until all the air bubbles are gone. Wait for 3-4 minutes and remix. Apply using a spatula or steel trowel or a suitable spraying machine. Sand or correct the settled surface using a float.

WARNING:

Moisturize the surfaces with spraying method (unpressurized water) day-night for 3 days following the application to prevent sudden loss of water and fall of strength at temperatures above +25°C. Apply paint before the surface receives any rain following the application. Otherwise, apply the preferred plaster and paint only after the surface that received rain fully dries and is treated with Betek Boxan 451 and water mixture in 1:1 ratio.

- Apply at temperatures between +5°C - +30°C
- Protect the application area from rain, frost, pedestrian and vehicle traffic at least for 48 hours.
- 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

The approximate consumption for every 1 mm thick coat is 1.5 - 1.8 kg/m².

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 original packaging at a cool and dry place 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.

Fire Response Class: A1

Non-Structural Class: R1

Mortar Type: Polymer, modified, hydraulic mortar and concrete (PCC)

Repair Principle: 3

Fire Response Class: A1

Repair Management: 3.1 Cement based concrete repair mortar used in repairing concrete without reinforcement and renewing concrete by applying mortar with hand.