

BETEK BUILDING CHEMICALS

BETEK STAKO[®]

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

AREAS OF USE:

Used for repairing the interior and exterior normal or light concrete surfaces, cracks and holes, correcting the surfaces to solve dimension mistakes, leveling the surfaces before ceramic or tile placement, repairing small problems, filling and repairing broken or fallen corner pieces. Used securely in filling gaps or holes up to 10 mm on such surfaces and creating smooth surfaces by correcting the dimension mistakes.

SPECIFICATIONS

- Manufactured in line with DIN 1164 and prepared with Portland cement and Silica sand at the suitable sieve and particle size.
- The largest particle diameter is 0.5 mm. In a structure that can be used in 1.0 – 10 mm thickness at a single application.
- Perfect adherence strength.
- Does not crack, shrink, sag or sink during application by ensuring smooth polish.
- Recommended to use synthetic emulsion based Betek Lateks and water mixture to improve the characteristic properties of fresh hardened Stako. (1kg Lateks + 4kg. Water)

Fresh Mortar Properties:

- Low water absorption value.
- Easy to apply and labor saving.
- Long working time.
- 75 L fresh plaster with 100 kg dry Stako.
- Fresh Plaster Density: 1.60 g/cm³
- Dry Powder Density: 1.35 g/cm³

Hardened Mortar Properties:

- High pressure and bending resistance.
- High adherence power.
- Increased elasticity.
- No weathering or mossiness.
- Compression Resistance $\geq 10 \text{ N / mm}^2$
- Bending Resistance $\geq 1.5 \text{ N / mm}^2$
- 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 from the old surface using mechanical methods. Mix 5 L water and 25 kg Stako in a clean container using low-speed mixer (max 400 rpm) until the air bubbles disappear. Wait for 3-4 minutes after the first mixing process to obtain the right mixture. Level the surface again 3 minutes after the first application when required depending on the surface absorption, application thickness and weather conditions. Moisturize the surface after the application. Apply using a trowel, as well as a spray suitable for mortar.

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 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.