

## DECORATIVE WATER-BASED EXTERIOR PRODUCT GROUP

### BETEK BOXAN 451

#### PRODUCT DESCRIPTION

Water- and siloxane-based, watertight external surface silicone impregnation material.

#### SPECIFICATIONS

Provides watertightness due to its strong silicone structure. Provides a high level of water repellency on absorbing external surfaces. Keeps surfaces dry, resistant against contamination, growth of fungi and moss. Resists dissolved salts, thereby avoiding chalking. Withstands UV and alkali, and eliminates humidity on walls. Eliminates lime bleeding and rust bleeding. Prevents chemical corrosion caused by acidic gases. Prevents concrete from being damaged by corrosion and resistance. Effective against cracking caused by blistering and shrinking.

#### APPLICATION SURFACES

Applied to any plaster, concrete, gas concrete and natural eternit surfaces to provide water insulation, maintain breathability, and avoid contamination and salt bleeds. Avoid applying on natural stone, brick and similar surfaces.

#### APPLICATION

Prior to application, the surface should be free of dust, dirt and oils; bulges should be thoroughly rubbed off; and the surface should be dry. Ready-to-use Betek Boxan 451 should be applied to the surface either with a soft-bristled brush or by way of spraying. For highly absorbing surfaces, application of two to three coats is recommended. No filming occurs after application. Additionally, diluting 1:1 with water and applying top cover over it is recommended to avoid any existing or potential salt bleeding to form on plastered and painted surfaces. Be careful to ensure that ambient and surface temperature stays between +5°C and +30°C throughout the application. Used tools should be cleaned with water after the application. Prefer shady wall if required to be applied in hot weather conditions above +30°C and abstain from application from 11:00 AM to 04:00 PM.

You can access the MSDS and TDS forms including the information regarding detailed application, healthy-safety-handling risks and precautions on [www.betekexport.com](http://www.betekexport.com).

#### THINNING

Ready to use.

#### DRYING TIME

Under normal conditions, becomes resistant against rainwater after 4 hours, and may be painted over after 24 hours.

#### CONSUMPTION

2-5 m<sup>2</sup> single coat per liter depending on the type, absorbency and structure of the application surface. Perform a controlled sample run to estimate the precise consumption.

#### STORAGE

May be stored for 3 years in its unopened packaging in a cool and dry environment protected against frosting and direct sunlight. Close the package right after application in an air-tight manner.

#### PACKAGING

10 kg, 1 kg

#### HAZARD DESCRIPTION

C: Caustic.

#### Hazard statements

H225 Highly flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

**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.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P405 Store locked up.

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

This technical sheet is prepared based on laboratory data under normal conditions, consult to technical personnel for details that are not provided above. Otherwise, the manufacturing company cannot be held responsible for the failures that may arise due to lack of knowledge. Our company reserves the right to change this information.