



## DECORATIVE SYNTHETIC PRODUCT GROUP

### BETEK BOXAN 452

#### PRODUCT DESCRIPTION

Solvent- and siloxane-based, external surface silicone impregnation material.

#### SPECIFICATIONS

BETEK BOXAN 452 is a transparent material with high penetration power. Does not leave any film layer on the surface. Provides superior water repellency on absorbent mineral-based exterior surfaces.

- Adds water tightness quality to the surfaces that it is applied to thanks to its strong silicone formula.
- Keeps surfaces always dry, preventing contamination, growth of fungi and moss.
- Enables the surfaces to resist against corrosion resulting from natural factors by protecting them against alkali and UV.
- Does not prevent breathing of the surfaces thanks to its porous structure.

#### APPLICATION SURFACES

Used on mineral-based, gas concrete and concrete surfaces besides its high performance on mud-bricks, natural stones and bricks.

#### APPLICATION

Ready-to-use. Ensure the application surface is free from oil, dirt, dust and bloated layers, and dry. Does not form a film layer on the application surface. Apply using a brush, roller or spray gun. Do not avoid wearing mask while using the spraying method to prevent inhaling its vapor. Avoid applying on surfaces that receives direct sunlight, extreme wind, rain or that is heated by sun. Recommended to be applied in 2-3 coats for best results on highly absorbent surfaces. Move on to the application of the second coat only after the applied coat is fully absorbed by the surface. Does not recommended to be applied on horizontal surfaces. Clean application tools with Synthetic Thinner after application. Ensure the ambient temperature is between +5 °C and +30 °C during application. Sample run is recommended to prevent whitening and tone difference on the surface.

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).

#### For airless spraying:

Pressure: 100-120 bar

Nozzle Angle: 50°

Nozzle Size (inch): 0.010"

Thinning: Ready to use.

#### THINNING

Ready to use.

#### CONSUMPTION

Around 160-320 g/m<sup>2</sup> in a single coat based on surface smoothness and absorbency. Perform a controlled sample run to estimate the precise consumption.

#### FLASH POINT

41°C

#### 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

7.5 Kg

#### HAZARD DESCRIPTION

Xn Hazardous to health.

**Hazard statements**

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H304 May be fatal if swallowed and enters airways.

**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.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

P405 Store locked up.

P501 Dispose of contents/

**Ingredients identifying the hazard for labeling:**

Solvent naphtha (petroleum), medium aliph.

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.