

BPB® NATURAL STONE IMPREGNATION-CONCENTRATE

Water proofer for natural stones

Industrial use

Product No.: 349010030

Product Information:

Properties:

- very good penetration at porous building materials (up to 6 mm)
- seals capillary cracks up to 0.3 mm
- water vapour diffusible
- good protection against wind-driven rain.

Application:

for natural stones

The product is a silane-siloxane emulsion for the water repellency of absorbing mineral surfaces. The product drastically reduces the water absorption of the surface. It also increases the durability of the building material. Impregnation is used for medium-absorbing surfaces and/or if a less intensifying water repellency is required.

Examples for the reduction of the water absorption
(average values after 24 hrs immersion test)

Building material

brick	97 %
sand stone	90 %
mortar	82 %

The surface must be cured, clean and free of oil, grease or other residues. Slightly damp surfaces are suitable, too, however, the maximum penetration depth can only be achieved on dry surfaces.

The product is delivered ready for use and does not need to be diluted any further.

Treat larger areas with a spray gun with low pressure (no atomization), flood the substrate until it is full.

The application is carried out from bottom to top on vertical surfaces; a 15 to 20 cm long, reflective drain curtain should be visible.

Apply to smaller areas with a brush or roller, repeating the process until the surface remains moist for a few minutes.

To assess the final effect a testing site on the surface which is representative for the final application is imperative.

Quantities to use:

200 - 500 ml/m²

The specified quantities are approximate values because the actual applied quantity does not only depend on the surface structure, but also on the absorbency of the surface.

Avoid direct sun, dust formation or soiling during application. Do not use at temperatures <4 °C, rain or strong wind. Tools should be cleaned with solvent (universal thinner) immediately upon use.

Please note:

Plants and bushes as well as surfaces and materials which are not treated, have to be protected carefully. Detach and remove splashes immediately with lot of water.

Specifications:

Appearance: liquid
Colour: colourless
Density: 0.78 ± 0.02 g/ml

Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months
Protect from frost, direct sunlight and contamination.
The storage temperature must not exceed 35 °C. Keep away from heat and open flames. Store dry.

Packaging:

Drum 200 l, Can 30 l, 10 l or 5 l, Bottle 1 l
Other delivery quantities on request

Safety Rules:

See EC safety data sheet.
The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When used, ensure good ventilation (5 to 15 air exchange per hour) or use exhaust device.
Do not breathe spray.

Keep away from heat and open flames.

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:
8 hours/day
200 days/year

Environmental Exposure:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.