

# BPB® NATURAL STONE IMPREGNATION

Water proofer for natural stones

## Consumers

Product No.: 349010028

## Product Information:

### Properties:

- water vapour permeable
- no sticky silicone resin films
- effective for micro cracks up to 0.3 mm
- very effective reduction of water absorption
- good penetrating power
- UV-resistant
- slight repelling effect

### Application:

for natural stones

The product is a silane-siloxane emulsion for the waterproofing of absorbent mineral substrates. The impregnation significantly reduces the water absorption of the substrate and creates a good beading effect on the surface shortly after application. Impregnation is used when the substrate is very absorbent and/or less intensive hydrophobization is required.

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

building material	
brick	93 %
sand stone	86 %
mortar	75 %

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/m<sup>2</sup>

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:  $0.78 \pm 0.02$  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.

The product contains combustible substances. Appropriate precautionary measures must be observed during processing.

**Assistance:**

Please contact our Technical Application Centre.

**Industrial use:**

Recommended frequency and duration of use:  
480 minutes/day  
only outside or with local suction

**Commercial use:**

Recommended frequency and duration of use:  
Daily amount: 2.7 kg  
Roll/Sweep: 480 minutes/day  
only outside

**Consumers:**

Recommended frequency and duration of use:  
Daily amount: 1,0 kg  
Roll/Sweep: 480 minutes/day  
only outside

**Environmental Exposure:**

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