

BPB® IMP BI-Super (H)

Reactive impregnation with stain-repellent properties according to EN 1504-2

Consumers

Product No.: 349010024

Product Information:

Properties:

- „stain-repellent properties“
- weather-resistant
- dirt-, oil- and water-repellent
- contains PFAS
- surface structure remains unchanged
- no change of gloss and colour
- UV-resistant, weather-stable and permeable to water vapour
- deep penetration

Application:

for mineral surfaces, terrazzo, clinker bricks

The impregnation is used on the dry side. The product is an aqueous, solvent-free, ready-to-use hydrophobing impregnation and is used on the dry side of concrete cast stones. The impregnation is suitable for all kinds of finished surfaces (after washing, sanding, shot-blasting, kernelling etc.). Glazed and non-absorbent surfaces have to be tested before application.

After approx. 30 seconds the impregnated concrete parts are tack-free and can be stacked and/or palletised. The full impregnation effect is developed within approx. 2 days.

Surface protection products - water-repellent impregnation

Protection against the penetration of substances (1.1)

Regulation of the moisture content (2.1)

Increase of the electrical resistance (8.1)

The overall content of the elements cadmium, chromium (VI), lead and mercury in their entirety lies below 100 ppm and is therefore in line with the limits set by the EU Packaging Directive (94/62/EC).

The surface must be clean, dry, free of grease and all substances which can block the penetration of the product. Matt-humid surfaces can also be impregnated.

The impregnation can be applied on smaller areas with a brush or roller or on larger areas with a spray gun with low pressure (no atomization).

For permanent impregnation during the concrete production process, we recommend working with the spray method (e.g. EASY-SPRAY) with local extraction.

The impregnation is ready for use and should be applied only one time rich and smoothly. A subsequent impregnation in the second step is not possible.

approx. 150 to 200 ml/sqm concrete blocks

approx. 200 to 250 ml/sqm Concrete blocks treated

approx. 250 to 300 ml/sqm Special elements made of vibro-pressed concrete (blasted etc.)

up to 500 ml/sqm for protection and repair of concrete structures

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

Quantities to use:

100 - 500 g/m²

The amounts given are guidelines, as the actual amount applied depends on both the surface structure and the absorbency of the substrate.

Direct sunlight, the generation of dust or dirt must be avoided during processing. Do not use in temperatures below 10 °C, rain or strong wind. The tools used must be cleaned thoroughly with water or placed in water immediately after use. The dried product is difficult to remove afterwards.

Please note:

Glass, polished surfaces, wood and lacquer surfaces, plastics and other sensitive surfaces must be protected against splashes.

Prevent product from entering soil, drains and water courses.

Specifications:

Appearance: liquid

Colour: colourless to slightly brownish

Density: 1.00 ± 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.

Do not store below 10 °C!

Packaging:

Container 1000 kg, Drum 200 kg, Can 20 kg

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.

Use airflow-free spray device. Keep the spray pressure below 4.1 bar (410 KPa).

Do not inhale spray mist.

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:

Roll/Sweep: 480 minutes/day

Spray: with local exhaust

Commercial use:

Recommended frequency and duration of use:

Roll/Sweep: 480 minutes/day

Spraying: with local exhaust or application outside

Consumers:

Recommended frequency and duration of use:

Quantity used per use: 1.0 l

1 time per day

130 minutes per day

Frequency of use: 6 times per year

Environmental Exposure:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system. Contained substances are considered to be persistent.