

BPB[®] VSG SC 35 (I) - M

Impregnation and sealing according to EN 1504-2

Consumers

Product No.: 340123000

Product Information:

Properties:

- for sealing the concrete in the factory
- aqueous and solvent-free
- film-forming and highly water-repellent
- block-resistant, non-yellowing and UV-resistant
- slightly colour-shade intensifying properties

Application:

high-quality concrete products

The product is applied to the dry side in the concrete production. The hydrophobic property results in a water-impermeable, tack-free film with good resistance to condensation.

The age of the concrete goods required for finishing must be determined based on the different curing conditions.

Surface protection products - Impregnation
Protection against ingress of substances (1.2)

EPD:

Dispersion-based products, group 3
EPD-DBC-20220148-IBF1-EN

Quantities to use:

70 - 120 g/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 dirt during application. The surface temperature should be at least 10 °C and max. 30 °C. Tools shall thoroughly be cleaned with water or put into water immediately after use. Once dried product can hardly be removed.

Processing:

The subsurface must be dry, stable and free from separating, species-specific or foreign substances. Less solid layers and sludge accumulations must be removed.

The impregnation is applied undiluted using a suitable (roller) spray technique. The substrate temperature (surface) before application should be optimally 20 °C.

Dry side:

The drying takes place with IR radiators. The coated panels/stones must have cooled down to approximately ambient temperature before palletizing.
The drying temperature must not exceed 65 °C.

Airtight packaging of the packages by means of closed hoods and/or foil should be avoided to prevent perspiration and condensation.

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

Stir well before use. Close the container well after each use; the product tends to form a skin on contact with air.

For all areas of use with normal walking loads and low driving loads. The hardened coating film is not permanently resistant to plasticizers. Therefore not recommended for parking lots, garages etc.

Specifications:

Appearance: liquid
Colour: white
Density: 1.02 ± 0.02 g/ml

Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 6 months
Protect from frost, direct sunlight and contamination.
The storage temperature must not exceed 30 °C. Stir before use.

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.
Do not breathe spray.

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: < 240 minutes/day

Consumers:

Recommended frequency and duration of use:
Amount used per use: 7.0 kg
Duration per day: 480 minutes
Frequency of use: 4 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.