

BPB[®] VSG SC 35 (I)

Impregnation and sealing according to EN 1504-2

Industrial use

Product No.: 340049000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 349020024

Product Information:

Properties:

- for factory-made concrete coating
- water-based and solvent-free
- film-forming and highly hydrophobic
- non-blocking, low yellowing and UV-resistant
- slightly intensifies the color

Application:

high-quality concrete products

The product is applied to the dry side in the concrete production. The concrete surface is consolidated and protected. Integrated adhesion promoters lead to excellent adhesion properties. The hydrophobic properties lead to water-impermeable films. The dried film is non-blocking, tack-free, UV-resistant and low in yellowing - in addition, moss and algae growth are sustainably reduced.

The condensation water resistance in the package is significantly better than with conventional dispersions.

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)

The surfaces can be ground and/or blasted. Prior to application on curled or brushed surfaces (->curl dust), preliminary tests must be carried out.

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.

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.

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

Environmental Exposure:

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