

VSG SC 33 (I)

Impregnation and sealing according to EN 1504-2

Industrial use

Product No.: 340021000

Product Information:

Sustainability Assessment:

The product is covered by the "ECO Platform EPD EN 15804 VERIFIED" model EPD (Environmental Product Declaration) according to ISO 14025 and EN 15804 + A2.

EPD:

Dispersion-based products, group 3

EPD-DBC-20220148-IBF1-EN

Properties:

- for sealing the concrete in the factory
- water-, oil- and dirt-repellent
- permeable to water vapour, non-yellowing and UV-resistant
- CO₂-barrier
- colour shade intensifying properties
- forms a visible repelling effect

Application:

high-quality concrete products

The impregnation can be used on the fresh side as well as on the dry side in concrete production.

The hardening on the fresh side takes place parallel to the hardening of the concrete.

Before applying on curled or brushed surfaces (->curl dust), preliminary tests are absolutely necessary.

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 life cycle assessment data and the other contents of the sample EPD can be used to assess the sustainability of buildings in which the product has been installed.

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 product is evenly applied undiluted with a suitable spray, roller or roller system.

When applying on the dry side, the substrate temperature (surface) should be optimally 20 °C before application.

Fresh side:

In the drying chamber, draughts, fluctuating humidity and strongly varying ambient temperatures must be avoided.

Any condensation that forms must not come into contact with the freshly coated surface.

Dry side:

The drying takes place with IR radiators. The coated plates/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:

80 - 150 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:	1.03 ± 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.