

## BPB® BL - coloured -

Concrete Glaze

Coloured concrete coating

**Consumers**

Product No.: 3405xxxxx-3406xxxxx

### Product Information:

#### **Properties:**

- Light-fastness: A1
- solvent-free
- Sol-silicate paint for exterior use
- UV- and weather-resistant
- open to water vapour diffusion

#### **Application:**

for concrete surfaces and facades

Suitable for the renovation and optimization of vertical and, with additional protection from BPB® VSG SC 50, also for horizontal concrete surfaces. The original surface structure remains nearly unchanged after glazing - a natural and matt finish concrete surface. The mineral surface which has been treated with this glaze remains permeable to water vapour and is highly water resistant.

Treating the concrete surfaces with the glaze provides good protection against carbonation and concrete aging caused by the weather.

Vertical surfaces are very well protected by the glaze. On horizontal surfaces, BPB® VSG SC 50 should be applied as the top coat.

#### **Quantities to use:**

300 - 450 g/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 apply the product at a temperature of < 5 °C, rain or strong wind. Tools shall thoroughly be cleaned with water or put into water immediately after use. Once dried product can hardly be removed.

#### **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.

#### **Processing:**

Damage to concrete or cracks must be repaired before the glaze.

The glaze can be painted, rolled or sprayed airless (nozzle 0.79 mm).

As a rule, a maximum of two coats are applied to the stable, clean and dry surface.

After priming the treated surface should dry for at least 12 hrs before applying the top coat.

The glaze is normally used undiluted or up to approx. 5 % addition of BPB® BL Thinner.

For a base coat on highly absorbent substrates, up to a maximum of 10 % BPB® BL Thinner can be added.

The final coat should be applied undiluted. Thinned product must be stirred before and during work.

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

**Specifications:**

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Appearance:                             | pasty                                                 |
| Colour:                                 | colour as requested                                   |
| Density:                                | 1.50 - 1.70 kg/l                                      |
| Water permeability:                     | class III (EN 1062-3)                                 |
| Water vapour diffusion current density: | $V \geq 2,000 \text{ g}/(\text{m}^2 \times \text{d})$ |
| Degree of glaze:                        | 1.5 matt finish (DIN EN ISO 2813)                     |
| pH value:                               | approx. $11 \pm 0.5$                                  |

**Storage:**

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months

Protect from frost, sunlight and contamination.

Transfer material residues from opened containers into correspondingly smaller containers; low air content in the bucket necessary.

Stir well before use.

**Packaging:**

Bucket 15 kg, 10 kg and 5 kg, Can 1 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:

480 minutes/day

only outside or with local suction

**Commercial use:**

Recommended frequency and duration of use:

480 minutes/day

only outside

**Consumers:**

Recommended frequency and duration of use:

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.