

## BPB® BK colored

Thin layer color for concrete

### Consumers

Product No.: 3405xxxxx

## Product Information:

### Properties:

- light resistance of the colour pigment: A1
- solvent-free
- colour silica sol
- UV- and weather resistant
- open to water vapour diffusion

### Application:

for the glazing design of exposed concrete surfaces or for covering thin-layer protective coatings

Is suitable for the glazing renovation and optimisation of vertical concrete surfaces in exterior and interior areas. 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. To further enhance the water protection function, a hydrophobizing substrate pretreatment with BPB® IMP CONSTRUCT (H) can be applied.

The color is without further protection not suitable for horizontal and slightly inclined, weathered topsides. For horizontal surfaces, the BPB® VSG SC 50 should be applied as the final coat.

### Quantities to use:

200 g/m<sup>2</sup>

for opaque double coating

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. Do not apply if the weather forecast says rain within the following 4 hrs. The surface temperature should be at least 5 °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.

### 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:

Concrete damages or cracks have to be repaired before applying the glaze. The color can be applied by brush, paint roller or airless spraying (nozzle 0.68 mm).

In outdoor areas it is usually necessary to apply a double coat of glaze with a brush due to the weather resistance. Stir the product well before and during work. Water and other materials must not be added.

A primer and top coat are generally required for opaque, structure-maintaining thin-film protective coatings.

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

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 required             |
| Density:                     | 1.10 - 1.30 kg/l               |
| vapour diffusion resistance: | sd (H <sub>2</sub> O) = 0.02 m |
| pH value:                    | approx. 11 ± 0.5               |

**Storage:**

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months  
Protect from frost, direct 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:**

Packages with 1 l, 5 l and 15 l capacity  
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.

Caution! Dangerous respirable droplets can form when sprayed. Do not breathe aerosol or mist.

**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.