

BPB[®] PHOTO COMPACT

NANO-pigment suspension for the production of photocatalytic concrete surfaces

Industrial use

Product No.: 109010005

Product Information:

Properties:

– photocatalytic concrete surface

Application:

concrete products
precast concrete elements

Used for the production of high-quality, photocatalytic concrete.

Complete dispersion and homogeneous distribution of the fines from this product is crucial for this application. It is added as the last component of the finished mixture.

If the product is added to the cement before the water, alkali silicate gel formations occur, which reduce the strength. Corresponding mixtures are to be avoided.

The total mixing time of the concrete should be at least 3 minutes with a particularly good mixing effect. The product must be kept homogeneous by stirring regularly.

Stir the product at least every 2 to 3 weeks and before each use. Due to the strong abrasive properties diaphragm pumps, progressive cavity pumps or hose pumps should be used.

Quantities to use:

8.0 - 10.0 wt.% of the binding agent content

Prior to use, a suitability test according to EN 206-1 or any applicable standards or norms relevant in your country is required.

Specifications:

Appearance: liquid
Colour: grey
Density: 1.40 ± 0.03 g/ml

Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months
Protect from frost, direct sunlight and contamination.

Packaging:

Bucket 32 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).

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:
480 minutes/day

Environmental Exposure:

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