

PHOTO COMPACT

NANO-pigment suspension for the production of photocatalytic concrete surfaces
Product No.: 06000-010x

Product Information:

Properties:

– photocatalytic concrete surface

Application:

Concrete products, precast concrete elements

PHOTO COMPACT is used for the production of high-quality, photocatalytic concrete.

A complete dispersion and homogeneous distribution of the finest substances from PHOTO COMPACT is decisive for this application. PHOTO COMPACT is added as the last component of the finished mixture. If PHOTO COMPACT is added to the cement before the water is added, alkali silicate gel bonds develop reducing the strength. Such mixtures should be avoided. To achieve an especially good mixing effect the total mixing time of the concrete should at least be 3 min. PHOTO COMPACT must be kept homogeneous by regular stirring. 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.

Dosage:

Recommended dosage: 8.0 - 10.0 mass % 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:

Protect against frost and dirt. Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months.

Packaging:

bucket 32 kg
Please ask for further package sizes.

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:
8 hours/day