

Pre-treatment for OBTEGO Concrete Coat Si Primer

Description

OBTEGO Concrete Coat Si Primer is a water-based primer based on a composite dispersion.

Properties

OBTEGO Concrete Coat Si Primer penetrates the surface and is used **exclusively as a primer prior to OBTEGO Concrete Coat Si transparent to minimize color deepening**. Concrete Coat Si Primer is not an adhesion or bonding agent. The effect depends on the material and absorbency of the surface. Depending on the material and surface treatment, different results may be achieved in terms of adhesion to the substrate – if in doubt, we recommend creating a sample area.

Basically, the product causes no or only slight color enhancement in combination with OBTEGO Concrete Coat Si transparent.

Application

OBTEGO Concrete Coat Si Primer should be used on highly absorbent floorings such as grinded screeds, self-levelling compounds, certain types of magnesite screed, anhydrite screed, and mastic asphalt (grinded). It can be used on floor coverings in private and commercial buildings, both indoors and outdoors. The application of Concrete Coat Si Primer is not recommended on rather dense and highly power trowelled (very smooth) surfaces.

Processing

The surface to be treated must be dry (<4CM-%, TRAMEX ≤ 6%-M), solid, clean, absorbent, and free of oil, grease, and other contaminants that act as release agents. The surface must be thoroughly cleaned with a auto-scrubber machine and clear water. Create a separate sample area of the same surface to determine consumption and function. Apply the product evenly to the floor covering using a suitable pressure sprayer (nozzle 0.2-0.3). Immediately after application, roll over the surface with a short-pile roller (e.g., nylon/polyamide 8 mm pile length) with the help of a second person to achieve a homogeneous surface. For highly absorbent surfaces a second treatment with Concrete Coat Si Primer is recommended. The surface should be completely saturated, but no significant layer build-up should occur (→ increased sensitivity to scratches, blistering, and orange peel effect with layer build-up). The drying time is approximately 1-2 hours. For highly absorbent coverings, the drying time may also take several hours or even overnight. The covering must be completely dry. No damp spots should be visible. Then apply OBTEGO Concrete Coat Si transparent according to the manufacturer's instructions (see product data sheet).

Note: Adjacent surfaces must be protected against splashes. Clean equipment with water.

Before applying OBTEGO Concrete Coat Si transparent, check the OBTEGO Concrete Coat Si Primer surfaces for sufficient application and function. This can be done with a water test. Either place a few drops of water at several points on the entire surface

or, better still, wipe the pre-impregnated surfaces with a damp mop. The floor should not get wet immediately (not getting darker). If wetting occurs still after a few seconds, either too less OBTEGO Concrete Coat Si Primer has been applied, the floor is unsuitable or there is another problem (e.g., if the floor has already been treated with another impregnation).

Processing temperature

Avoid direct sun radiation during processing. The surface temperature should be between 10°C and 25°C (40 – 77 F). Floor heating maybe turn off. Avoid direct moisture until the treatment is totally dry.

Drying time

The drying time is 1-2 hours (walkable). The drying time may vary depending on the ambient temperature, humidity, and absorbency.

If the floor must be temporary protected, use only diffusion open coverings and also only after the floor is completely dried (48-72 hours). Recommendation: Diffusion open fleece (non-woven fabric). If necessary, to protect more use additional wooden hardboards/fibreboards on top or generally with diffusion-open protective and laying floor such as Hammerfest from the company "Protect & Cover" or comparable.

Productiveness

Depending on the absorption following values are to be assumed. Reference value:

grinded concrete: approx. 10 - 20 m² / liter; (in one coat)

open-pored floors such as anhydrite, magnesite, etc.: approx. 5 - 10 m²/liter; (in two coats).

Storage

Protect from frost. Shelf-life in cool, dry and closed container is about 12 months. Opened cans should be worked up as soon as possible.

Environmental Protection

Not empty into drains.

Water hazard class: WGK 1 (slightly hazardous to water).

Waste codes/waste designations according to EWC/AVV:

08 02 99 Wastes not otherwise specified. Consult the appropriate local waste disposal expert about waste disposal.

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Safety

OBTEGO Concrete Coat Si Primer is harmless to health after drying up. A good ventilation should be provided during and after the processing. Observance of special security measures if the product will be use in an spray application. Safety data sheet available for professional user on request.

Ingredients: mixture of: 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1)

Classification and Labelling according to Regulation (EC) No. 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Contains KATHON CG. May produce an allergic reaction.

Wear eye protection/face protection.

GISCODE: BSW10 Covering agents, water based, low-preservatives

Identification marking for transport:

PU	PU marking	Transport documents
a	none, no dangerous good	none, no dangerous good

Packaging Unit (PU)

a) 10 liter PE canister

This information should only be a non-binding advice. The use of the products is based on local circumstances and on the surface itself . If there is no experience, and in cases of doubt, we recommend to try the product on a inconspicuous spot.