

BPB[®] PU W 2K - M - dull

Solvent-free polyurethane coating

Commercial use

Product No.: 340620000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 349036008

Product Information:

Properties:

- solvent-free
- quick setting

Application:

for coating and design of cement-bonded surfaces

The coating can be used to protect cement-bound substrates. The coating can be used indoors on floor surfaces and on wall surfaces.

It is also suitable for surfaces exposed to the weather. The surface is flexible, very weather-resistant, mechanically resilient and resistant to chemicals such as alcohol, many acids and alkalis as well as cleaning agents.

The coating is not permanently softener resistant.

To get a better skid resistance, add 4 % to 5 % DOXALENE-Powder to the coating for the second application and stir thoroughly.

Mixing ratio:

Comp. A: Comp. B = 100.0: 11.1 parts by weight

The substrate must be solid, clean and free of oil, grease or other residues. It is applied with a roller or brush.

The two components must be mixed just before starting work. Comp. B is added to comp. A and mixed thoroughly with a mixer, then transfer to a clean container.

The coating can be applied two-layered in two steps. The first coat must be dry before applying the second coat perpendicular to the first coat. Avoid overlaps.

At low temperatures a retarded reaction has always to be expected; that means working life, dust-dryness and waiting time until walk-on stability are extended.

Processing temperature:

lowest processing temperature +10 °C
highest processing temperature +30 °C
processing time: approx. 60 minutes at 23 °C

Drying time at 23 °C:

dust-dry: approx. 3 hours
walk-on: approx. 12 hours
cured: after 7 days

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

Effective August 24, 2023, proper training must be provided prior to industrial or commercial use.

Quantities to use:

100 - 200 g/m²

This equates a spreading rate of approx. 3 m²/kg for the necessary two coatings.

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 use at temperatures below 10 °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.

Specifications:

Appearance: liquid
Colour: colourless
Density: 1.06 ± 0.02 g/ml hardener and lacquer

Storage:

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

Protect from frost, direct sunlight and contamination.

Stir before use. Close well after use.

Packaging:

two-in-one Can 8.07 kg

Please ask for special 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).

When used, ensure good ventilation (5 to 15 air exchange per hour) or use exhaust device.

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:

Roll/Sweep: 480 minutes/day

Commercial use:

Recommended frequency and duration of use:

Roll/Sweep: 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.