

BPB® PU W 2K - coloured - dull

Solvent-free polyurethane coating

Industrial use

Product No.: 340619xxx ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 34903600x

Product Information:

Properties:

- solvent-free
- quick setting

Application:

can be used for the protection 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. The surface is flexible, very weather resistant, mechanically very resilient with high abrasion and scratch resistance as well as chemical resistant to alcohol, many acids and alkalis and cleaning agents.

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

If required also available for outdoor application. Please ask us.

The surface must be cured, clean and free of oil, grease and other residues. Application with roll, paint-brush or spraying system. If necessary, the coating has to be diluted if applied by Airless spraying.

The two components must be mixed shortly before starting work. Comp. B is added to Comp. A and carefully mixed with a mixer, then repot into a clean container.

The coating shall 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, the product must be tested on a small surface area which is representative for the final application.

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, rain or strong wind. Tools shall thoroughly be cleaned with water or put into water immediately after use. Once dried product can hardly be removed.

Please note:

Glass, polished surfaces, wood and lacquer surfaces, plastics and other sensitive surfaces must be protected against splashes.

Specifications:

Appearance: liquid

Colour: according to choice of color

Density: according to choice of color

1.10 - 1.20 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:

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).

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

Do not breathe spray.

Assistance:

Please contact our Technical Application Centre.

Industrial use:

Recommended frequency and duration of use:

Roll/Sweep: 480 minutes/day

Spray: with local exhaust

Environmental Exposure:

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