

# BPB® PU W 2K WR TRANSPARENT matt

2K PU coating with high chemical resistance

## Commercial use

Product No.: 340621000 ! ATTENTION: NEW PRODUCT NUMBER FROM 2024 !

Product No. until 2023: 349036009

## Product Information:

### Properties:

- for indoor and outdoor use
- flexible and robust
- weatherproof and UV-stable
- high abrasion and scratch resistance
- dull finish

### Application:

for coating paving, asphalt and concrete as well as screed and cement surfaces

The coating is suitable for walls, ceilings and floors and seals the surface with a high-quality, matt surface layer. Due to the long working time and short drying time even large areas can be sealed quickly and easily. 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.

### Chemical resistant against:

Hydrochloric acid, phosphoric acid, citric acid, acetic acid 15 %.

Lactic acid 100%

Sodium hydroxide, ammonia 50%

salt water, sea water

Oils

Petrol, diesel

petroleum ether, isopropanol

The substrate must be suitable for a coating and must be pre-treated against rising water or corresponding water and weather influences.

### Mixing ratio:

Comp. A: Comp. B = 100.0: 10.0 parts by weight

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

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.

An even layer thickness must be maintained. Uneven application can lead to unwanted surface qualities.

### Processing time:

8 hours at 20 °C (100 g)

**Drying time** at 20 °C layer thickness 120 µm:

Dust dry: 60 min

Walkable: 24 hours

Cured: after 5 - 7 d

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:**

130 - 160 g/m<sup>2</sup>

We recommend the application in 2 thin layers

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 soiling during application. Do not use at temperatures <10 °C or if the weather forecast says rain during the following 4 hours. Tools shall thoroughly be cleaned with water or put into water immediately after use. Once dried product can hardly be removed.

**Please note:**

Plants, glass, polished surfaces, wooden and painted surfaces, plastics and other sensitive surfaces must be protected against splashes.

**Specifications:**

Appearance: liquid

Colour: transparent

**Storage:**

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 6 months

Protect from frost, direct sunlight and contamination.

Stir before use. Close well after use.

**Packaging:**

in combination Container 1.10 or 4.40 kg

Special sizes 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

**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.