

WERIPUR[®] 180 Sealing

Aqueous unpigmented 2-component PU silk-sealing

Description

WERIPUR[®] 180 is a particularly developed sealing-material for cement-bound and for reaction-resin-bound substrates.

WERIPUR[®] 180 is based on newest PU-chemistry for recent aqueous 2C-coatings and produces lightfast sealings.

As topcoat, WERIPUR[®] 180 applies both on smooth and on sprinkled skid-proof coatings. That way, also anti-slip linings can be designed variously decorative.

WERIPUR[®] 180 fabricates sealings and topcoats, which are characterized by high elasticity and abrasion resistance.

Once hardened, WERIPUR[®] 180 is resistant to water, seawater and wastewater, also against many alkalis, diluted acids, brines, mineral oils, lubricants and fuels as well as many solvents.

Product data

Mixing ratio (weight)	5:1
Density at 23°C / 50% RH	1.3 g/cm ³
Viscosity at 20°C	approx. 900 mPas
Pot life at 20°C	40-45 min
Light traffic use at 20°C	40 min
Full traffic use at 20°C	after 7 days
Processing temperature (min)	10°C on surface
Material consumption	approx. 150 g/m ²
Arrest tensile strength	concrete burst
Solids	50%
Storage time	at least 6 months (cool and dry), Do not store below 5°C

Low temperatures extend the time of material treatment and hardening whereas higher temperatures shorten the process.

Substrates

All sufficiently sustainable mineral materials with a minimum compressive strength of 25 N/mm² and a minimum abrasion resistance of 1.5 N/mm². The surface moisture must not be over 4%. Floor plates have to be appropriately protected against rising humidity. The surface temperature should be at least 3°C above dew point.

The treated surfaces have to be clean, dry and absorbent. Cement silts, loose or short particles, rests of paint, seceding substances like oil, grease, etc. have to be removed by grinding, sand-, flame-, or steel ball jetting. Afterwards remove dust thoroughly, preferably with an industrial vacuum cleaner.

Working instructions

Pour Comp B (hardener) completely into Comp A (resin), then accurately mix with a slow running stirring-device. Coat WERIPUR® 180 with a suitable roller and reroll crosswise.
 Revise shortly after drying, within 24 hours at latest.

**While working use protection gloves and hand cream.
 Take notice of the security advice on the label.**

Terms of delivery

Colors	colorless
Packing	10 kg, 20 kg

Notice: This information is based on our present knowledge about the product. With regards to the different conditions of employment, the given information can only be seen as recommendations without further engagement. It is incumbent upon the customer to check the suitability of the product. The publication of present data sheet makes precedent data sheets invalid. Only written information is binding.