

WERIPOX[®] 106 Special primer

Solvent-free 2C-epoxy-resin-primer for demanding substrates

Description

WERIPOX[®] 106 is generally used as a moisture barrier primer under damp concrete and in case of uprising moisture. Shortening of the work schedule compared to common primers.

A film sealing with WERIPOX[®] 106 provides excellent bond on steel and improved bonding on *FLIESEN*.

Once hardened, WERIPOX[®] 106 is resistant to water, seawater and wastewater, also against many alkalis, diluted acids, brines, mineral oils, lubricants and fuels as well as many solvents.

Due to binding agents, reckon a certain hue change and chalking in case of UV-exposure.

Product data

Mixing ratio (weight)	5 : 3
Density at 23°C / 50% RH	1.09 g/cm ³
Viscosity at 20°C	630 mPas
Processing time at 20°C	approx. 60 minutes
Light traffic use at 20°C	12-24 h
Full traffic use at 20°C	after 7 days
Processing temperature (min.)	10°C on surface
Solids	100%
Arrest tensile strength	concrete burst
Compressive strength	N/mm ²
Tensile strength	N/mm ²
Storage time	at least 6 months (cool and dry)

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 temperature should be at least 3°C above dew point. The treated surfaces have to be clean, dry to matt damp 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 WERIPOX[®] 106 with a suitable roller and reroll crosswise. Sprinkle with 0.7-1.2 mm quartz-sand. After hardening continue with conventional coating construction. Revise shortly after drying, within 24 hours at latest.

Application examples:

Primer

WERIPOX[®] 106

consumption approx. 500 g/m² per process

Make sure, that the complete surface is coated with a homogenous thick film, so that there will be no capillary active pores, what could lead to osmotic bubbles.

For a better intermediate and if not over coated within 24h silica sand 0,2-0,6 mm can be pored on top.

Rake filling

WERIPOX[®] 106 1:1 with quartz sand 0.2-0.6 mm

consumption approx. 1,6 kg/m²/mm

While working use protection gloves and hand cream.

Take notice of the security advice on the label.

Terms of delivery

Colors	colorless
Packing	1 kg, 3 kg, 10 kg, 25 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.