

WERIPOX[®] 100 Priming and mortar resin

Very low-viscous, transparent and solvent-free EP-binder for universal use

Description

Use as primer, impregnation or binders for filler, mortar and screeds.

Excellent surface hardening and penetration of mineral surfaces due to very good capillary activity and low viscosity.

High mechanical strength, outstanding chemical resistance, excellent abrasion resistance and great adhesion.

Yellowing in UV-exposed areas does not affect technical properties.

Product data

Mixing ratio (weight)	2:1
Density at 23°C	1.09 g/cm ³
Viscosity	180 mPas
Pot life	approx. 20 minutes
Light traffic use at 20°C	approx. 24 hours
Full traffic use at 20°C	after 7 days
Processing temperature (min)	10°C
Solids	100%
Arrest tensile strength	concrete burst
Compressive strength	91 N/mm ²
Tensile strength	26 N/mm ²
Elongation	2.5%

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 WERIPOX® 100 with a suitable role, brush or squeegee.

Application examples:

Primer

WERIPOX® 100

consumption approx. 200-300 g/m² per process

Rake filling

WERIPOX® 100 1:1 with quartz sand 0.2-0.6 mm

consumption approx. 500 g/m²/mm

Quick mortar 2-3 mm

1 part WERIPOX® 100 with 1 part quartz sand 0.1-0.3 mm and 0.5 parts silica flour 0-100 µm (W8)

consumption approx. 600 g/m²/mm

Synthetic resins screed > 5 mm

1 part WERIPOX® 100 with 8 parts quartz sand

(for example 0.7-1.2 mm / 0.2-3.0 mm)

consumption approx. 200 g/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.

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