

WERIPOX[®] 101 Priming and mortar resin

2 component solvent-free epoxy primer and surface hardener

Description

Usage as primer, impregnation, bonding layers, binder for screeds, mortar and anchoring grouts.

High mechanical and chemical strength, very good corrosion and abrasion resistance, easy to overcoat.

Very good penetration and adhesion on concrete, mortar, stone, cement renderings, timber, metal and asphalt.

Non-shrinkage and non-expanding, excellent vibration resistant when used as free-flowing anchoring grout or mortar.

Used in workshops, warehouses, garages, stairs, corridors etc as impregnation to provide a dust-proof and easy-to-clean surface, or if fine sand is applied on top with non-slip qualities.

Product data:

Ratio of mixture (A:B by weight):	2,5 : 1
Solids content:	100 %
Density at 23°C:	1,09 g/cm ³
Viscosity:	500 mPas
Potlife (at 23°C) :	40 min
Min. application temperature:	10°C
Light traffic use (at 23°C):	ca. 24 hours
Full traffic use (at 23°C):	after 7 days
Adhesional strength:	concrete burst
Compression strength:	79 N/mm ²
Tensile strength;	22 N/mm ²
Elasticity:	2,6 %

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® 101 with a suitable roller, brush or squeegee.

Application examples:

Primer

WERIPOX® 101

consumption approx. 200-300 g/m² per process

Rake filling

WERIPOX® 101 1:1 with quartz sand 0.2-0.6 mm

consumption approx. 500 g/m²/mm

Quick mortar 2-3 mm

1 part WERIPOX® 101 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® 101 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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