

WERIPOX[®] 161 Decor resin

Low-viscous, transparent and solvent-free EP-binder

Description

Use as primer, impregnation or binder for colored quartz 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.

WERIPOX[®] 160 features marginal yellowing in UV-exposed areas.

Product data

Mixing ratio (weight)	5:3
Density at 23°C	1.08 g/cm ³
Viscosity (DIN 6 cup)	450 mPas
Pot life at 20°C	approx. 60 minutes
Light traffic use at 20°C	approx. 36 hours
Full traffic use at 20°C	after 7 days
Processing temperature (min)	8°C
Solids	100%
Arrest tensile strength	concrete burst
Compressive strength	87 N/mm ²
Tensile strength	89 N/mm ²
Elongation	3.6%

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® 161 with a suitable roller or squeegee.

Application examples:

Impregnation / Sealing

WERIPOX® 161

Consumption approx. 250-350 g/m² per process

Colored quartz screeds

1 part WERIPOX® 161

4 parts quartz sand 0.7-1.2 mm

4 parts quartz sand 0.2-0.6 mm

Consumption WERIPOX® 161 200 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	3 kg, 6 kg, 12 kg, 30 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.