

WERIPOX[®] 122 Selfleveling mortar

Self-leveling 2C-epoxy-resin-coating, pigmented, filled and solvent free

Description

WERIPOX[®] 122 is used as coating material for cement-bound substrates, like cement or cement screed, for both indoor and outdoor application.

Main fields of application are thick coatings with layer thicknesses of 3-5 mm for mechanically and chemically strong loads, e.g. factories, warehouses, production halls and garages, dairies, slaughterhouses, laboratories, showrooms, power plants, chemical plants, parking areas and others.

Resistant to water, seawater and wastewater, also against many alkalis, diluted acids, brines, mineral oils, lubricants and fuels as well as many solvents (detailed data on request).

WERIPOX[®] 122 can be used to produce decorative and smooth or non-slip coverings, which correspond to the requirements of the respective professional association.

Product data

Mixing ratio (weight)	6:1
Density at 23°C	1.65 g/cm ³
Viscosity (DIN 6 cup)	65 sec
Processing time at 20°C	30-40 minutes
Light traffic use at 20°C	10-20 hours
Full traffic use at 20°C	after 7 days
Processing temperature (min.)	10°C on surface
Material consumption	1.65 kg/m ² /mm
Solids	100%
Arrest tensile strength	concrete burst
Tensile strength	approx. 38 N/mm ²
Compressive strength	approx. 90 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

The surfaces should have minimum compression strength of 25 N/mm² and minimum tearing strength of 1.5 N/mm². The humidity of the surface must not be above 4%. Floor plates have to be appropriately protected against rising humidity. The subsoil temperature has to 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.

Priming is essential.

Working instructions

Pour Comp B (hardener) completely into Comp A (resin), then accurately mix with a slow running stirring-device. Coat WERIPOX[®] 122 with a smoothing trowel or scraper.

Reducing in scope in not suggested.

Generally it is recommended to degas the coating with a tractor, carefully and extensively.

Provide for appropriate air exchange during hardening. 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

Standard colors	approx. RAL 1002, 7005, 7016, 7023, 7032, 7040 special colors on demand
Packing	14 kg, 35 kg, others on demand

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.