

WERIPUR[®] 140 Colored balcony coating

Low-solvent and pigmented 1-component-reaction-resin on PU-basis

Description

WERIPUR[®] 140 is a particularly developed and formulated binder for the production of lightfast balcony coatings on smooth, sprinkled surfaces in external areas.

It is particularly designed for substrates with potentially intensive yellowing due to natural weathering or strong UV-exposure.

On this account the main fields of application of WERIPUR[®] 140 are coatings of showrooms, balconies, patios as well as garden- and summerhouse paths.

Once completely hardened, WERIPUR[®] 140 is physiologically harmless. Thus it can be used as top coating in many sectors. Layer thickness should not exceed 1 mm per process step.

Product data

Density at 23°C / 50% RH	1.4 g/cm ³
Viscosity at 20°C	medium viscous
Pot life	n/a (single-component)
Light traffic use at 20°C	8-10 hours
Full traffic use at 20°C	3-4 days (50% RH)
Processing temperature (min)	5°C on surface
Material consumption	800-1000 g/m ²
Solids	approx. 85%
Relative humidity	45% (min)
Arrest tensile strength	concrete burst
Elongation at break	approx. 40-50%
Vapor diffusion resistance	approx. 2500 μ ₀

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

Coat WERIPUR[®] 140 with a scraper or smoothing trowel. Roll-coating can impair the surface appearance. Layer thickness should not exceed 1 mm per process step.

The use of WERIPOX[®] 100 as primer is recommended.

**While working use protection gloves and hand cream.
Take notice of the security advice on the label.**

Terms of delivery

Colors	approx. RAL 7032, 7023, 1001 (others on demand)
Packing	10 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.