

# WERIPUR<sup>®</sup> 141 Lightfast flex-coating

## Solvent-free pre-filled pigmented 2-component-reaction-resin on PU-basis

### Description

WERIPUR141 is used as coating material for cement-bound substrates like concrete or cement screeds in both interior and external areas. It provides excellent weathering and lightfastness combined with crack-bridging.

Priming is always necessary.

Main applications are thick coatings with layer thicknesses of 2-3 mm for balconies, terraces, summerhouse paths.

By interspersing with quartz sand or decor-chips WERIPUR<sup>®</sup> 141 can be used to produce decorative and smooth or non-slip coverings, which correspond to the requirements of the respective professional association.

Sealing the surface with WERIPUR<sup>®</sup> 167 or WERIPUR<sup>®</sup> 168 is recommended.

Layer thickness should not exceed 1 mm per process step.

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### Product data

Mixing ratio (weight)	4:1
Density at 23°C / 50% RH	1.5 g/cm <sup>3</sup>
Viscosity at 20°C	medium viscous
Pot life at 20°C	30-40 min
Full traffic use at 20°C	after 7 days
Processing temperature (min)	10°C on surface
Material consumption	1.6 kg/m <sup>2</sup> /mm
Solids	100%
Arrest tensile strength	> 1.5 N/mm <sup>2</sup>
Shore D DIN 53505	40 – 45
Tear resistance DIN 53515	approx. 9 N/mm <sup>2</sup>
Tensile strength at break DIN 53504	approx. 4.5 N/mm <sup>2</sup>
Elongation at break DIN 53504	approx. 120%

Low temperatures extend the time of material treatment and hardening whereas higher temperatures shorten the process.

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**Substrates**

All sufficiently sustainable mineral materials with a minimum compressive strength of 25 N/mm<sup>2</sup> and a minimum abrasion resistance of 1.5 N/mm<sup>2</sup>. 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.

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**Working instructions**

Pour Comp B (hardener) completely into Comp A (resin), then accurately mix with a slow running stirring-device. Coat WERIPUR<sup>®</sup> 141 with a suitable roller and re-roll crosswise. Work in long and parallel courses.

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.**

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**Terms of delivery**

Colors	approx. RAL 7032, 7023
Packing	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.