

TECHNICAL DATA

Product description

HR1 VARNISH

Presentation

Product family: Two-part polyurethane varnish in solvent phase

Description of components if multiple-part product: Part A: base; Part B: hardener

Fields of use: Protecting and decorating interior walls and floors (for exterior applications, please ask us)

Advantages: Very hard and high chemical resistance

Application

Substrate and preparation of substrate: Perfectly coherent concrete and concrete-based materials, perfectly clean and dry epoxy and polyurethane resins, free of greasy stains.

Clean raw concrete using new concrete floor acidic cleaner.

Repair varnished concrete using 120-grade sandpaper.

Apply impregnator to seal open substrates.

Mixing ratio: A/B in terms of weight: 65/35 for gloss

A/B in terms of weight: 70/30 for satin

A/B in terms of weight: 80/20 for matt

Dilution: 10 to 15% dilutant for HR1 varnish

Equipment: Lacquer roller, gun.

Application conditions: 10°C < temperature < 35°C

Relative humidity < 80%

The substrate temperature must always be at least 3°C above the dew point to avoid any condensation.

Ventilate the room during application and drying to prevent surface defects on the varnish film.

Application: Mix Part A and then gradually incorporate Part B whilst continuing to stir using a mixer set at low speed. Add the dilutant. Allow the mixture to rest for 15 minutes to avoid the formation of bubbles on application.

Apply in two coats.

For heavy-traffic surfaces, showers, or work surfaces, apply at least three coats.

Drying time: At 20°C and 60% relative humidity:

Dust-free: 30 minutes

Dry to the touch: 2 hours

Between coats: 8 hours, roughen the previous coat beyond 48 hours

Final: At least seven days. Do not lay carpets until the varnish has had seven days to dry.

Tool cleaning: HR1 varnish dilutant or epoxy and polyurethane cleaner.

Technical characteristics

Appearance in the pot: Part A: colourless viscous liquid, Part B: colourless viscous liquid; Mixture: colourless viscous liquid.

Finished appearance: Matt, satin, or glossy transparent film.

Note: The original colour may be lightened by one or two shades.

Product density: Components A + B: 1.23 +/- 0.03

Coverage: 150 to 200 grams per m² in two coats

Pot life: 8 to 12 hours at 20°C

Other data: -

Storage

Six-month shelf life in its original packaging away from sunlight or freezing, in a cool ventilated location.

For additional safety information, refer to the safety data sheet.
The VOC contents are also available in Part 15 of the safety data sheet.