

PU5250 Topseal

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Product description

The PU5250 transparent Topseal from Dutch Resin Group is a semi 1K topseal or lacquer based on polyurethane. The 5250 is transparent and has a silk-matte finish after curing.

Product details

Packaging size	Set size
5 kg	A-component 4.90 kg B-component 0.10 kg
Appearance	Mat
Colour	Transparent
Shelf life	12 months after the production date when stored at normal temperature (15 °C). See more under <i>storage</i>

Product features

- Matte finish
- High hardness
- Seamless and liquid-tight
- Simple application
- Increase wear resistance through anti-slip additive
- High chemical resistance
- Easy to clean
- Good flow when applying
- Anti-rubber stripes

Areas of application

As a top seal on all the products listed below, the *system structure* is taken into account.

- EP2900 Floor coating
- EP2980 HCR Floor Coating
- EP3900 Cast floor
- PU3045 Cast floor
- PU3060 Cast floor
- PU3250 UV Cast Floor
- PU3260 UV Stone Design Cast Floor
- PUWA5000 Topseal
- PUWA5100 Topseal colored
- PU5250 Topseal 1K

Technical specifications

Similar mass (density)	1.16 kg/d m ³
Mixing ratio	98.0 A Weight 2.0 B Weight
Consumption	90 to a maximum of 110 g/m ² per layer. With the addition of anti-slip, this is 100 to 110 g/ m ² .
Processing time	Approximately 45 minutes.
Dust dry	After 8 hours *
Walkable	After 4 PM *
Recoatable	After 16 hours, apply the next layer within 36 hours.
Fully loadable	7 days
Adhesion strength (n/mm ²)	>1.5
Viscosity (mPa.S)	300 – 400
Solid content	98%

Product processing conditions

Subsurface temperature	Minimum 10°C, maximum 30°C, Optimal 20°C
Ambient temperature	Minimum 10°C, maximum 30°C, Optimal 20°C
Subsurface moisture content	Moisture < 4%
Relative humidity	Maximum 70% RH
Dew point	at least 3°C above the dew point.
Pay attention	These conditions apply to both the processing and curing of the product. Ensure adequate ventilation in the room.
Tools	The product must always be applied with the designated microfiber rollers.

* At normal temperature of 20°C.

** Change rollers after 45 minutes; due to hardening in the roller, the top seal may become shiny.

Work and environmental protection

Solvent-free. Non-flammable. Component A: Contains water-based polyurethane, no hazards. Component B: Contains solvent-based polyurethane accelerator. Non-corrosive.

Both components: Irritation or burns of the eyes, respiratory organs, and skin possible.

Sensitization is possible through skin contact. In case of contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with water and consult a doctor. Wear suitable protective gloves and safety glasses during handling. Environmentally hazardous in liquid state; therefore, do not allow to enter the sewer, open water, or soil. Hazard/safety instructions on the can label and the Safety Data Sheet must be observed, among others. After curing, odorless and ecologically and physiologically safe.

Removal of material

Uncured product residues. Do not allow to enter sewers, open water, or soil. These uncured components are chemical waste. Cured components are classified as construction waste.

Storage and shelf life

The product must be stored dry at temperatures of a minimum of 10 and a maximum of 25 degrees. Under these conditions, the shelf life of an unopened package is at least 12 months. Very rarely, crystallization may occur in the epoxy resin at low temperatures; this crystallization can be easily reversed by heating the package and its contents before use.

Cleaning

The Topseal can be easily cleaned with a cleaning agent of your choice. This cleaning agent must not be corrosive or consist of undiluted cleaning agents applied directly to the floor. In all cases, test whether your cleaning agent damages the floor by applying it to a small section of the floor.

Anti-slip alternative

The PU5250 can be mixed with anti-slip granules for PU topseal .

Grain size	Kind	Addition	Processing
Anti-slip granular PU top seal	Fine	Add 3% while mixing to total A+B	Roll out PU5250 with anti-slip using a 25cm microfiber roller and roll out with a 50cm roller.