

PU5700 Topseal HARD MAT

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Product description

The PU5700 Topseal from Dutch Resin Group is a water-based Topseal or lacquer based on polyurethane. The 5700 is transparent and has a matte appearance after curing. The PU5700 is characterized not only by its beautiful, even matte appearance, but also by its high chemical resistance and scratch resistance. PLEASE NOTE! This is a hard lacquer that must be applied to hard substrates. Products with a Shore D lower than 60 are not suitable.

Product details

Packaging size	Set size
5 kg	A-component 4.00 kg B-component 1.00 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
- Excellent chemical resistance
- Easy to clean
- Good flow when applying
- High solids

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
- PAS2700 Polyaspartic Coating
- EP7000 Trowel floor systems
- MC8000 Dr. Crete Microcement systems

Technical specifications

Similar mass (density)	1.08 kg/d m ³
Mixing ratio	80.0 A Weight 20.0 B Weight
Consumption	100 to 140 g/m ² per layer.
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)	600 – 800
Solid content	52%

At normal temperature of 20°C.

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. These conditions apply to both the processing and curing of the product.
Pay attention	Ensure adequate ventilation in the room.
Tools	The product must always be applied with the designated microfiber rollers.

Work and environmental protection

Solvent-free. Non-flammable. Component A: Contains water-based polyurethane, no hazards. Component B: Contains aliphatic isocyanate. Non-corrosive. Possible irritation of the respiratory organs and the skin, respectively. Low monomer content can be processed without isocyanate. safety certificate. 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 at least 10 and at most 25 degrees. Under these conditions, the shelf life of an unopened package is at least 12 months.

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 PU5700 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 PU5700 with anti-slip using a 25cm microfiber roller and roll out with a 50cm roller.