

PU5710 Topseal PVC MAT

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Product description

The PU5710 Topseal from Dutch Resin Group is a water-based Topseal or lacquer based on polyurethane. The 5710 is transparent and has a matte appearance after curing. The PU5710 is characterized not only by its beautiful, even matte appearance but also by its high chemical resistance.

Product details

Packaging size	Set size
5 kg	A-component 4.25 kg B-component 0.75 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

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
- PU3060 Cast floor
- PAS2700 Polyaspartic coating
- Dr. Crete microcement system
- Maintenance varnish for PVC floors
- Parquet varnish highly chemically resistant, after application PU5600 1K

Technical specifications

Similar mass (density)	1.08 kg/d m ³
Mixing ratio	85.0 A Weight 15.0 B Weight
Consumption	100 to max 130 g/m ² per layer.
Processing time	Approximately 45 minutes. *
Dust dry	After 7 hours *
Walkable	After 3 PM *
Recoatable	After 15 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	42%

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.
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.

Work and environmental protection

Solvent-free. Non-flammable. Component A: Contains water-based polyurethane, no hazards. Component B: Contains aliphatic isocyanate. 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 PU5710 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	Apply PU5710 with anti-slip using a 25cm microfiber roller and roll out with a 50cm roller.