

EP6375 High Gloss Transparent fast

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Product description

The EP6375 Floor Coating from Dutch Resin Group is a 2-component, solvent-free cast coating based on epoxy resin. The floor coating is transparent, highly UV-resistant, and provides a high-gloss finish.

Product details

Packaging size	Set size
4.5 kg	A-component 3.00 kg B-component 1.50 kg
9.0 kg	A-component 6.00 kg B-component 3.00 kg
Appearance	Glossy
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

- Glossy appearance
- Seamless and liquid-tight
- Simple application
- Good wear resistance
- Good flow
- High scratch resistance
- High UV resistance
- Easy to clean
- High hardness

Areas of application

system structure is taken into account in all application areas .

- Warehouses
- Workshops
- Production areas
- Technical rooms
- Garages
- Showrooms
- Offices

Technical specifications

Similar mass (density)	1.10 kg/d m ³
Mixing ratio	100.0 A Weight 50.0 B Weight
Consumption	400 to 1200 g/m ² per layer.
Processing time	Approximately 40 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)	1500 – 1900
Shore Hardness	>D85

At a normal temperature of 20°C.

Product processing conditions

Subsurface temperature	Minimum 10°C, maximum 25°C, Optimal 15°C
Ambient temperature	Minimum 10°C, maximum 25°C, Optimal 15°C
Subsurface moisture content	Moisture < 4%
Relative humidity	Maximum 75% RH
Dew point	at least 3°C above the dew point. Complete curing may not occur with large temperature fluctuations towards the freezing point.
Pay attention	These conditions apply to both the processing and curing of the product. Ensure adequate ventilation in the room.

Work and environmental protection

Solvent-free. Non-flammable. Component A: Contains epoxy resin: Irritant. Component B: Contains amine hardener: 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 cast coating floor 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.

System structure

Pos.	Alt.	Product	Product/processing information	Consumption grams per m ²
1			Substrate preparation: Dust-free diamond concrete sanding, sanding cement screeds, leveling tiles .	N/A
2	Optional	Egaline	self-leveling compound to the substrate. Wait with further construction until the substrate assessment regarding moisture is satisfactory.	
4	Or pos 5.	EP1100 Primer EP1200 Primer	Primer for absorbent surfaces ensures higher adhesion. <i>Apply with a 25cm nylon roller and continue rolling with a 50cm roller.</i> Thickened primer with filling capacity for uneven floors. <i>Apply by scraping and then roll over with a nylon roller.</i>	100 to 200 200 to 400
5		GW1130 Primer	Water-based primer with high adhesion on smooth surfaces. Apply with a 25cm nylon roller and continue rolling with a 50cm roller.	100 to 125
6		EP6375 High Gloss Casting Resin Transparent	Transparent cast coating <i>Apply with a squeegee, comb, or spatula.</i>	400 to 1200
7	Optional	PUWA5000/5050 PU5250 PU5260	Transparent top seal with a matte or satin finish. <i>Apply criss-cross and roll over with a microfiber roller.</i> Transparent top seal for high chemical resistance <i>Apply criss-cross and roll over with a microfiber roller (rollers must be changed after 40 minutes!)</i> Transparent top seal for plasticizer resistance <i>Apply criss-cross and roll over with a microfiber roller (rollers must be changed after 40 minutes!)</i>	100 to 125 90 to 110 90 to 110