

### EP5350 Epoxy gel

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#### Product description

The EP5350 Epoxygel from Dutch Resin Group is a 2-component, solvent-free epoxy.

#### Product details

<b>Packaging size</b>	<b>Set size</b>
	10 kg A-component 8.75 kg B-component 1.25 kg
20 kg	A-component 16.50 kg B-component 3.50 kg
<b>Appearance</b>	Glossy
<b>Colour</b>	Natural/transparent
<b>Shelf life</b>	12 months after the production date when stored at normal temperature (15 °C). See more under storage

#### Product features

- Glossy appearance
- Simple application
- Solvent-free
- High strength
- Good mechanical load capacity

#### Areas of application

- Wood rot repair
- Filling cracks in the floor
- Filling holes in the floor
- Smoothing transition strips
- Gluing wood
- Bonding of glass fabric
- Bonding of Glass Reinforcement
- Bonding of carbon and aramid fabric

#### Technical specifications

Similar mass (density)	1.29 kg/d m <sup>3</sup>
Mixing ratio	82.5 A Weight 17.5 B Weight
Consumption	N/A
Processing time	Approximately 30 minutes. *
Dust dry	After 8 hours *
Cured	After 4 PM *
Recoatable	After 16 hours, apply the next layer within 36 hours.
Fully loadable	3 days
Adhesion strength (n/mm <sup>2</sup> )	>1.5
Viscosity ( mPa.S )	2500 – 3000
Shore Hardness	>D75

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 75% RH
Dew point	at least 3°C above the dew point. Complete curing cannot 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.

### Subsurface preparation

Treat contaminated substrates by chemically cleaning them and then sanding them. Always ensure the surface to be bonded is dust-free by vacuuming with an industrial vacuum cleaner. Alternatively, wipe with a slightly damp cloth and always allow it to evaporate before applying the epoxy gel.