

EP4200 Levelling Mortar

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Product description

The EP4200 Filling Mortar from Dutch Resin Group is a 2-component, solvent-free mortar based on epoxy resin. The filling mortar comes in 3 components: A epoxy resin, B epoxy hardener, and C the sand mix . Ideal for filling large holes and cracks or creating ramps.

Product details

Packaging size	Set size
28 kg	A-component 2.15 kg B-component 0.85 kg C-component 25 kg
Colour	Natural sand color
Shelf life	12 months after the production date when stored at normal temperature (15 °C). See more under <i>storage</i>

Product features

- Seamless and liquid-tight
- Simple application
- Good ventilation
- Solvent-free
- High point load
- Recoatable after 16 hours

Areas of application

In all application areas, the complete system structure of your final layer is taken into account.

The EP 4200 is primarily suitable as a leveling mortar for:

- Large holes
- Deep cracks
- Ramps
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Technical specifications

Similar mass (density)	2.29 kg/d m ³
Mixing ratio	86.0 A Weight 14.0 B Weight
Consumption	20-liter filling capacity per set.
Processing time	Approximately 30 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)	500 – 1100
Shore D Hardness	>80
Solid content	100%

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 85% 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.

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.

Subsurface preparation

Remove cement and concrete residue by grinding and sanding the floor.

Treat contaminated substrates by chemically cleaning them and then sanding them before processing. Always ensure the floor is dust-free by vacuuming with an industrial vacuum cleaner. Prime the entire area to be filled at the time of application to work wet-on-wet. You can prime with EP1100 or EP1200.

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.