

EP1712 Scrape layer

Dutch Resin Group BV
 Gladsaxe 19
 7327JZ
 Apeldoorn
 Netherlands
 Tel: +31 55 312 44 65
 Email: sales@dutchresin.nl
 Web: www.dutchresin.nl

Product description

The EP1712 screed from Dutch Resin Group is a 2-component, solvent-free screed based on epoxy resin. The screed /leveling layer is characterized by its highly filled nature, allowing you to apply a thick leveling layer before applying your cast layer. This ensures a strong and durable system. The screed has a higher viscosity, meaning this layer must be laid just like a cast floor.

Product details

Packaging size	Set size
25 kg	A-component 22.50 kg B-component 2.50 kg
Appearance	Glossy
Colour	Light gray
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
- Lays like a cast floor
- Good flow for leveling
- Anticrater additive
- Good ventilation
- Solvent-free
- Good mechanical load capacity
- High hardness
- Good base for a cast floor

Areas of application

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

The EP1 712 is suitable as a scraping layer for:

- Anhydrite floors
- Cement screeds
- Gypsum-bonded floors
- Cementitious floors
- Open concrete floors
- As a leveling layer over the primer EP1100, EP1200 and GW1130

Technical specifications

Similar mass (density)	1.66 kg/d m ³
Mixing ratio	90.0 A Weight 10.0 B Weight
Consumption	1,000 to 2,000 g/m ² per layer. Consumption depends on the substrate.
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)	1900 – 2500
Shore Hardness	>D80

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 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.

Subsurface preparation

It is recommended to always apply an epoxy primer first before applying a scrap or screed layer.

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

Roughen cement screeds by sanding or grinding them.

Roughen anhydrite floors by blasting or sanding. Treat contaminated substrates by chemically cleaning them and then sanding them. Always ensure the floor is dust-free by vacuuming with an industrial vacuum cleaner. Fill saw cuts and holes with a suitable epoxy filler such as EP1560, or by thickening EP1712 using a setting agent. Repair holes and large cracks with EP4000/4100 skirting mortar.

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 EP1712 Screed 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.