

EP1625 Scrape layer FLEX

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Product description

The EP1600 FLEX scraping layer from Dutch Resin Group is a 2-component, solvent-free scraping layer based on epoxy resin. The scraping layer is characterized by its flexible composition, making it extremely suitable as an epoxy membrane under, for example, microcement floors. Its lightly filled nature allows you to immediately incorporate small cracks and holes into the leveling layer. The scraping layer has a low viscosity, making it easy to scrape. The material flows well over a reinforcement mesh, after which it can be sanded to complete the membrane.

Product details

Packaging size 20 kg
Set size A-component 17.7 kg
 B-component 2.3 kg

Appearance Glossy

Colour Light gray

Shelf life 12 months after the production date when stored at normal temperature (15 °C). See more under *storage*

Product features

- Seamless and liquid-tight
- Simple application
- Good ventilation
- Solvent-free
- Good mechanical load capacity
- High hardness
- Good base for a microcement floor
- Sand addition possible for higher bond strength
- Fully sandable with Quartz for optimal point loading

Areas of application

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

The EP1 625 Flex Scrape Layer is suitable as a membrane in combination with reinforcement mesh applied to an epoxy substrate.

Technical specifications

Similar mass (density)	1.57 kg/d m ³
Mixing ratio	89.0 A Weight 11.0 B Weight
Consumption	400 to 1,000 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)	1500 – 1800
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.

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 scratch layer can easily be cleaned with a cleaning agent of your choice. This cleaning agent must not be corrosive or undiluted cleaning agents that are 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.

Sand addition

The Scraper Layer EP1600 can be mixed with broadcast sand to increase the viscosity and apply a thicker layer.

Grain size	Kind	Addition	Processing
Dorsilit No. 9	Course	Add up to 10% while mixing to total A+B	Apply a scraping layer of sand with a trowel.