

PU1500 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 PU1500 Scrape Coat from Dutch Resin Group is a 2-component, solvent-free scrape coat based on polyurethane resin. This scrape coat is intended as a leveling intermediate layer before the application of a polyurethane casting layer .

Product details

Packaging size 10 kg
Set size A-component 8.5 kg
 B-component 1.5 kg

Appearance Silky gloss

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
- Crack bridging
- Solvent-free
- Permanently elastic
- High adhesion to rubber mat
- Shrink resistant

Areas of application

system structure is taken into account in all application areas .

- Membrane underlayer
- Casting compound

Technical specifications

Similar mass (density)	1.38 kg/d m ³
Mixing ratio	85.0 A Weight 15.0 B Weight
Consumption	300 to 500 g/m ² per layer. Consumption depends on the substrate/rubber mat.
Processing time	Approximately 30 minutes. *
Dust dry	After 4 hours *
Walkable	After 4 hours *
Recoatable	After 8 hours, apply the next layer within 24 hours.
Fully loadable	7 days
Adhesion strength (n/mm ²)	>1.5
Solid content	100%
Viscosity (mPa.S)	5500 – 6000
Shore Hardness	>50

At normal temperature of 20°C.

Product processing conditions

Subsurface temperature	Minimum 15°C, maximum 30°C, Optimal 20°C
Ambient temperature	Minimum 18°C, maximum 30°C, Optimal 20°C
Subsurface moisture content	Moisture < 4%
Relative humidity	Minimum 40% RH 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

Storage and shelf life

Solvent-free. Non-flammable. Component A: contains polyurethane resin. Component B: contains amine lightfast amine hardener.

Hazard/safety instructions on the can label and the safety data sheet, among others, must be observed. Odorless after curing and ecologically and physiologically risk-free.

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.

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.

System structure

Pos.	Alt.	Product	Product/processing information	Consumption grams per m ²
1			Substrate preparation: Dust-free concrete blasting, sanding cement screeds.	N/A
2	Optional	Egaline	1/15 or 2/30 mm self-leveling compound to the substrate. Wait with the further build-up until the substrate assessment is satisfactory.	
3		EP1560 Putty EP4100 Skirting mortar white	Sealing cracks and/or small holes. Filling large holes and/or installing baseboards.	N/A N/A
4		EP1100 Primer of EP1200 Primer	Primer for absorbent surfaces ensures higher adhesion. Thickened primer with filling capacity for uneven floors.	100 to 250 150 to 400
6		PU1540 Adhesive with Rubber Mat 36m ²	Apply polyurethane-based adhesive with a notched trowel over epoxy primer to then stick on the rubber mats.	300 to 500
7		PU 1550 Sealer	Sealer to seal the rubber mat before applying the casting layer .	500 to 750
8	Casting layer	PU 3045 Cast floor PU 3250 Cast floor UV PU 3260 Cast Floor UV Blending Nature	Select one of the casting layers from the list and apply it over the sealed rubber mat. "The PU3060 has too high a hardness to be applied over a rubber mat."	2,500 to 3,000
9		PUWA5000 Topseal of PUWA5100 Topseal colored or PU5250 Topseal	Transparent top seal with a matte finish Colored top seal with a matte finish Topseal for high chemical resistance and scratch resistance	100 to 125 100 to 125 90 to 110
10	Optional 2nd seal layer	PUWA5000 Topseal of PUWA5100 Topseal colored or PU5250 Topseal	Transparent top seal with a matte finish Colored top seal with a matte finish Topseal for high chemical resistance and scratch resistance	100 to 125 100 to 125 90 to 110