

EW2300 Coating

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Product description

The EW2300 coating from Dutch Resin Group is a 2-component, water-based, solvent-free primer based on epoxy resin. This coating has a satin matte finish.

Product details

Packaging size	Set size
	5 kg A-component 4.40 kg B-component 0.60 kg
10 kg	A-component 8.80 kg B-component 1.20 kg
Appearance	Silk mat
Colour	The floor coating is available in 10 basic colors. <i>See more under basic colors.</i> Additionally, RAL and NCS colors can be selected; these are available upon request and awaiting approval.
Shelf life	12 months after the production date when stored at normal temperature (15 °C). See more under <i>storage</i>

Product features

- Silk matte finish
- Vapor-open system
- Simple application
- Water dilutable
- Good ventilation
- Also available in anti-slip
- Solvent-free
- Easy to clean
- Good coverage
- Water-based

Areas of application

system structure is taken into account in all application areas .

- Warehouses
- Workshops
- Production areas
- Technical rooms
- Garages
- Parking garages
- Showrooms
- Office

Technical specifications

Similar mass (density)	1.47 kg/d m ³
Mixing ratio	89.0 A Weight 11.0 B Weight
Consumption	125 to max 200 g/m ² per layer. With anti-slip coating 200 g/ m ²
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)	600 – 900
Solid content	80% by weight

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 B: Contains epoxy resin: Irritant. Component A: Contains amine hardener: Corrosive. Both components: Irritation or burns to the eyes, respiratory organs, and skin are 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.

Basic colors



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 coating 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.

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		GW1130 Primer EW1230 Primer EW2300 Coating	Water-based primer with high adhesion on smooth surfaces. Water-based filled primer for cement screeds. Colored water-based coating to be used as a primer by adding 10% water.	100 to 125 100 to 200 125 to 150
5		EW2300 Coating	Water-based coating to be applied in color with a nylon epoxy roller.	150 to 200
6	Optional	EW2300 Coating	Water-based coating to be applied in color with a nylon epoxy roller.	150 to 200

Anti-slip alternative

The EW2300 coating can be mixed with epoxy anti-slip granules in two grades: fine and coarse.

Grain size	Kind	Addition	Processing
Anti-slip grit 0.1 - 0.2	Fine	Add 10% while mixing to total A+B	Apply the anti-slip coating with a trowel and then roll it out with a nylon roller for epoxy coatings.
Anti-slip grit 0.1 - 0.5	Resource	Add 10% while mixing to total A+B	Apply the anti-slip coating with a trowel and then roll it out with a nylon roller for epoxy coatings.
Anti-slip grit 0.4 - 0.8	Course	Add 10% while mixing to total A+B	Apply the anti-slip coating with a trowel and then roll it out with a nylon roller for epoxy coatings.

