

EP1160 Primer Moisture Barrier

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Product description

The EP1160 primer moisture barrier from Dutch Resin Group is a 2-component, solvent-free primer based on epoxy resin. The primer is ideally suited as a moisture barrier for floors with a moisture content of more than 4%.

Product details

Packaging size	Set size
	5 kg A-component 3.10 kg B-component 1.90 kg
10 kg	A-component 6.20 kg B-component 3.80 kg
Appearance	Glossy
Colour	Transparent
Shelf life	12 months after the production date when stored at normal temperature (15 °C). See more under <i>storage</i>

Product features

- Moisture barrier on substrates where the residual moisture percentage is still higher than >4%
- Glossy appearance
- Surface enhancer
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- Seamless and liquid-tight
- Simple application
- Good ventilation
- Solvent-free

Areas of application

Naturally, the moisture barrier can also be used as a primer on dry substrates.

The EP11 60 Moisture Barrier is primarily suitable as a primer for:

- Concrete floors >4% to 8% moisture
- Cement screeds >4% to 8% moisture
- Self-leveling floors >4% to 8% moisture
- Contaminated floors >4% to 8% moisture

Technical specifications

Similar mass (density)	1.09 kg/d m ³
Mixing ratio	62.0 A Weight 38.0 B Weight
Consumption	200 to 400 g/m ² per coat. It is very important to apply a good, covering coat.
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 – 700
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 0-8%
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.
Important	Apply moisture barrier as a highly opaque layer

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

Remove cement and concrete residue by grinding and sanding the floor. Sand tile floors to apply EP1160 and then sprinkle with jointing sand to fill the joints.

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. Fill saw cuts and holes with a suitable epoxy filler such as the EP1560, or the EP1160 thickened with a setting agent. Repair holes and cracks with the 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 primer can be easily 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.