

EPH1120 Primer High tack

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Product description

The EPH1120 High Tack primer from Dutch Resin Group is a 2-component, solvent-free primer based on epoxy resin. The primer has a very high adhesion rate, specifically for hard-fired tiles and ceramics.

Product details

| | |
|-----------------------|---|
| Packaging size | Set size |
| | 5 kg A-component 3.35 kg B-component 1.65 kg |
| 10 kg | A-component 6.70 kg B-component 3.30 kg |

Appearance Glossy

Colour Transparent/yellow

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

Product features

- Glossy appearance
- Seamless and liquid-tight
- Simple application
- Good ventilation
- To be sprinkled with sand
- Solvent-free

Areas of application

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

The EP1120 is primarily suitable as a primer for:

- Ceramics
- Tile floors
- Hard-baked tiles
- Contaminated floors

Technical specifications

| | |
|--|--|
| Similar mass (density) | 1.10 kg/d m ³ |
| Mixing ratio | 67.0 A Weight 33.0 B Weight |
| Consumption | 100 to 200 g/m ² per layer. Consumption depends on the subsoil. With the addition of sand, this is 300 to 500 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) | 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 < 4% |
| 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. |

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 EPH1120 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 EPH1120 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.

Anti-slip alternative

The primer EPH1120 can be mixed with broadcast sand to create an extra-high adhesion layer for subsequent coats.

| Grain size | Kind | Addition | Processing |
|----------------|--------|---|--|
| Dorsilit No. 9 | Course | Add to total A+B while mixing up to 50% | Apply primer with sand using a trowel and then roll out with a nylon roller for epoxy. |