

USAGE

EPISOL PRIMER RFE is a universal primer for epoxy and polyurethane screed floors. EPISOL PRIMER RFE can be applied as a vapour barrier to dry and slightly damp concrete floors (max 8%).

CHEMICAL RESISTANCE

Good chemical resistance to alkalis, petroleum derivatives, acid, diluted organic acids, salts and solutions. For more information please contact RESIPLAST NV.

PROPERTIES

- Virtually odourless
- Solvent-free
- Moisture-insensitive hardening
- Excellent adhesion
- Long processing time
- Low viscosity
- Impermeable (2 layers)

PROCESSING

• Preparing the application surface

Make sure the surface is clean. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25°C. Do not use below 10°C. Remove rust from steel, degrease and descale.

• Mixing

Stir the base (component A) evenly before use. Add the full amount of hardener (component B) and mix mechanically (300 rev/min) until both components are homogeneous.

• Application

As primer

Apply 1 coat of EPISOL PRIMER RFE with a brush, paint roller or squeegee. EPISOL PRIMER RFE containing sand can be used as a primer for POLYAC® systems.

As vapour barrier

Apply two coats of EPISOL PRIMER RFE. After 24 hours a second coat of EPISOL PRIMER RFE can be applied.

• Use

Foot traffic possible after 24 hours.


PACKAGING

| EPISOL PRIMER RFE | Comp A | Comp B |
|-------------------|---------|--------|
| Set 5kg | 3.52kg | 1.48kg |
| Set 15kg | 10.56kg | 4.44kg |
| Set 568kg | 400kg | 168kg |

TECHNICAL SPECIFICATIONS

| | |
|------------------------------|---|
| Specific mass | 1.05kg/dm ³ |
| Colour | Amber |
| Surface | Smooth or non-slip |
| Pressure resistance | >24N/mm ² |
| Flexural strength | >15N/mm ² |
| Tensile strength | >7N/mm ² |
| Hardness Shore D | 75 – 85 |
| Adhesion to concrete | 2.6N/mm ² |
| Layer thickness | approx 300µ 1 layer |
| Mixing ratio | A : B 2 : 1 |
| Volume Weight | A : B 100 : 42 |
| Min. application temperature | +10°C |
| Hardening temperature | +10°C |
| Processing time | approx. 45 minutes at 20°C |
| Hardening time at 20°C | Can be walked on 24 hours Can be mechanically loaded 4 days Can be chemically loaded 7 days |
| Curing | Non-shrinking |
| Shelf life | 24 months |

CE CERTIFICATE

| |
|---|
|  |
| Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem |
| 12 |
| EN 13813 |
| Resin screed/coating for use indoors in buildings. |

| | |
|-------------------------------------|------------------------------|
| Reaction to fire | NPD |
| Release of corrosive substances | SR |
| Water permeability | NPD |
| Abrasion resistance (Taber) | <30 mg (CS10-1000tr-1kg) |
| Adhesion strength | B 1,5 |
| Impact resistance (DIN EN ISO 6272) | >10Nm |
| Soundproofing | NPD |
| Sound absorption | NPD |
| Thermal resistance | NPD |
| Chemical resistance | NPD |

VOC complies with Belgium emission legislation (2012/0568/B) (EU CEN/TS 16516)

USAGE

Primer: 300g/m²

Vapour barrier: first coat 350g/m², second coat 300g/m²

APPEARANCE

| | |
|-------------|-----------------------|
| A-component | Modified epoxy resins |
| B-component | Polyamine hardener |
| Colour | Transparent amber |

YOU WILL NEED TO SUPPLY

- Paint roll
- Optional: dry quartz sand (0.2-0.8mm)
- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store EPISOL PRIMER RFE in a dry, well ventilated storage area between 5 and 35°C. 24 months shelf life.

If in doubt, contact RESIPLAST NV and provide the batch number on the package. Do not let the product get in contact with ground water, surface water or sewage systems. Dispose of contaminated packaging and remnants according to legal regulations.

SAFETY

Carefully read the safety instructions before using EPISOL PRIMER RFE. Products have a characteristic odour when being applied. Ensure there is sufficient ventilation, stay away from ignition sources and do not smoke. Avoid contact with skin. Eye irritation and/or sensitivity may occur during heavy vapour concentrations, inhalation and/or skin contact. Do not keep food products (food, beverages) in the same workspace. Always wear personal protective equipment according to local guidelines and regulations. Gloves and safety goggles are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that Resiplast N.V. is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. This version replaces all previous versions. Version 1.2 Date: 25 October 2016 9:22 PM