

Epoxy putty which can be applied underwater

USAGE

EPICOL T is a putty with a simple mixing ratio suitable for filling, moulding and repairing.

EPICOL T can be applied underwater and sticks to wood, stone, concrete and metal.

CHEMICAL RESISTANCE

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

PROPERTIES

- Can be applied underwater
- High adhesive power
- Simple mixing ratio with colour control
- Hard
- Can be worked after curing
- Limited layer thickness
- Impermeable

PROCESSING**• Preparing the application surface**

Make sure the surface is clean. The recommended processing temperature for the surface, the surroundings and the material is 5 °C to 35 °C.

• Mixing

Wear plastic gloves. Fill a bucket with water and wet the gloves. Take equal quantities of white (A component) and black (B component).

Knead both components together until they become a homogeneous grey colour. Keep the gloves wet while kneading.

For better malleability: place both packets in warm water before mixing.

• Application

Press or hammer the mixed paste well. Extra pressure ensures better adhesion, even on a rough surface when it is not perfectly clean.

The surface can be smoothened with wet gloves. Vertical and overhanging parts >5cm are applied in several layers. After it has cured, EPICOL T can be painted or mechanically worked.

• Use

EPICOL T is cured after 12 hours.

EPICOL T is fully mechanically loadable after 4 days and chemically loadable after 7 days. The curing process can be speeded up with warm air (maximum 70 °C).

PACKAGING

| EPICOL T | Comp A | Comp B |
|----------|--------|--------|
| Set 5kg | 2.5kg | 2.5kg |

TECHNICAL SPECIFICATIONS

| | |
|------------------------------|--|
| Specific mass | 1.5kg/dm ³ |
| Colour | Component A White Component B Black Mix A+B Grey |
| Pressure resistance | 35N/mm ² |
| Tensile strength | 15N/mm ² |
| Adhesion to concrete | >1.5N/mm ² |
| Adhesion to steel | >3N/mm ² |
| Heat resistance | 60 °C |
| Layer thickness | 1 to 50mm |
| Min. application temperature | +10 °C |
| Min. hardening temperature | +5 °C |
| Processing time | approx 1 hour at 20 °C |
| Shelf life | 24 months |

APPEARANCE

| | |
|-------------|---|
| A-component | White thixotropic paste of epoxy resin and filler |
| B-component | Black amine hardener paste |
| Colour | Grey mixing colour |

YOU WILL NEED TO SUPPLY

- Plastic disposable gloves
- Cleaning solvent for tools: MEK SOLVENT

STORAGE

Store EPICOL T 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 EPICOL T. 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: 4 May 2021 3:37 pm