

Epicol T

Epoxy putty that can be applied underwater.

Description Putty with a simple mixing ratio suitable for filling, moulding and repairing. Can be applied underwater and sticks to wood, stone, concrete and metal.

Advantages

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

Packaging 3 lb Units, 11 lb Units (1.5 kg Units, 5 kg Units)

Technical Specifications

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| Specific Mass | 1.5kg/dm ³ |
| Color - Component A | White |
| Color - Component B | Black |
| Color - 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

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|-------------|---|
| A-component | White Thixotropic Paste of Epoxy Resin and Filler |
| B-component | Black Amine Hardener Paste |
| Color | Grey Mixing Color |

Chemical Resistance Good chemical resistance to alkalis, petroleum derivatives, acid, diluted organic acids, salts and solutions. For more information please contact Alchemy-Spetec.

Installation *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 5°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.

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REPAIRCRACKS

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| Installation (Cont.) | <p>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 smoothed 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.</p> <p>Use Epicol T is cured after 12 hours. It 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).</p> |
| Storage | <p>Store Epicol T in a dry, well ventilated storage area between 5 and 35°C. 24 months shelf life.</p> <p>If in doubt, contact Alchemy-Spetec 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.</p> |
| Safety | <p>Read the safety instructions before using. 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.</p> |
| Limited Warranty | <p>Alchemy-Spetec warrants this product to be free from manufacturer's defects and to meet all published properties on current Technical Data Sheet for a period of one year if used according to published instructions and within the shelf life. The user is responsible for determining suitability for intended use and assumes all risk. No other warranties expressed or implied shall apply including any warranty of merchantability or fitness for a particular purpose. Purchaser's sole remedy is limited to the purchase price or product replacement exclusive of cost of labor or other materials.</p> |
| Latest Information | <p>Before each use read latest Technical Data Sheets, Safety Data Sheets, and instructions available at www.alchemypolymers.com. Nothing contained in any Alchemy-Spetec materials or verbal instruction relieves the user of the obligation to read and follow all usage instructions and warnings for each product contained in the latest Technical Data Sheets and Safety Data Sheets. All information given by Alchemy-Spetec about Alchemy-Spetec products and procedures is given in good faith based on our current experience level and knowledge when materials are properly stored, handled, and applied. Jobsite conditions always vary, and for this reason Alchemy-Spetec assumes no liability for the provision of such information or instructions. Neither shall any legal relationship be created by the provision of such information.</p> |

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