

Epicol T

Sag-free 2-component epoxy repair paste for filling cracks and holes, even in wet and underwater conditions.

Product Description

2-component sag-free epoxy compound.

- Component A : epoxy resin.
- Component B : polyamine hardener.

All components are pre-weighted, resulting in an easy-to-mix system.

Mixing ratio A/B : 1/1.

Advantages

- Good adhesion to wet surfaces, even for underwater application without the presence of high water pressure.
- Very good mechanical properties.
- Cures without shrinking.
- Easy to mix and use.
- Adhesion to wood, stone, and concrete; surpasses material cohesion.

Application

1. Surface preparation
 - To obtain an optimum adhesion, the surface must be clean, degreased, and dust free. When applying to metal, first remove the milling surface or the oxidated skin.
2. Mixing
 - The mixing ratio A/B is 1/1.
 - Thoroughly mix the premeasured quantities. The best method of mixing is kneading by hand while wearing suitable gloves . Use lukewarm water to facilitate easier mixing of the material.
 - Mix until a uniform grey color is obtained.
3. Application
 - Pot life after mixing: 1 hour at 20 °C.
 - Apply with a spatula, trowel, or by hand when wearing suitable rubber gloves.
 - Apply Epicol T directly to the surface, working the compound well into the crack or opening.
 - Application temperature must be between 5 °C and 35 °C.
4. Cleaning
 - Clean all tools immediately with Washing Agent before the resin has cured. Hardened adhesive can only be removed by mechanical means. Carefully clean hands and skin with hot water and soap.

Appearance

A-component : white epoxy resin.

B-component : black polyamine hardener.

Mixture : grey paste

Consumption

Epicol T: 1,5 kg/m² for 1 mm thickness.

Packaging

Epicol T (5,0 kg kit)

2,5 kg A-component.

2,5 kg B-component.

Storage

Epicol T should be stored in the original packaging in a dry area protected from frost. Storage temperature must be between 5 °C and 35 °C. Once a pail has been opened, the useful life of the material is greatly reduced and should be used as quickly as possible.

Shelf life: 2 years.

Health and Safety

Read and understand the product label and safety data sheet (SDS) for each system component. All users should acquaint themselves with this information prior to working with the products and follow the precautionary statements. SDSs can be obtained by contacting your local GCP representative or office. Always wear protective clothing, gloves, and goggles when handling chemical products.

Technical data / Properties

Property		Value
Adhesion to sandblasted steel	MPa	> 3
Adhesion to masonry	MPa	Surpassed material cohesion
Compressive strength	MPa	Approx. 35
Tensile strength	MPa	Approx. 15
Density	Kg/dm ³	Approx. 1.5
Pot life		1 hour
Curing time		24 hours
Temperature resistance	°C	60

gcpat.sg | For technical information: asia.enq@gcpat.com

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

© Copyright 2024 GCP Applied Technologies Inc. All rights reserved.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA
GCP (Singapore) Pte. Ltd, 25 Tanjong Penjuru, Singapore 609024.

This document is only current as of the last updated date stated below and is valid only for use in Singapore. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.sg. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.