

Time Epoxy Crack Filler

TI-62001

Description

A high quality two-component repair putty, solvent free, based on epoxy polyamide cured which has been modified to fill the hollow spaces and cracks, also for leveling and repairing vertical and horizontal surfaces also corners and edges, in addition to strong adhesive properties.

Recommended Use

Recommended to use as a filler to fill up cracks, pores and hollows, as well as for repairs purposes, in exterior and interior applications, on concrete, cement, gypsum, wood and steel surfaces. It can be used as an adhesive for glass and ceramic surfaces.

Characteristics

- Resistance to shrinkage & sagging.
- Easy to apply.
- Excellent adhesion to various surfaces.
- Excellent hardness.
- High mechanical strength.
- High durability and superior long-term performance.
- Excellent resistance to chemicals, alkalis, salts and water.
- Resistance to cracking.
- High resistance to abrasion and impact.

Physical Constants

Finish:	Semi-gloss.	-
Color:	Light grey.	-
Volume Solid :	100 %	ASTM D2697
Specific Gravity:	1.76 (mix)	ASTM D1475

Tests

VOC :	9.15 g/L	ASTM D2369	METS-UAE
-------	----------	------------	----------

Time Epoxy Crack Filler

TI-62001

Surface Preparation

- The surface must be removed from dust , grease, oil and other contaminants completely.
- For old surfaces, old paint must be removed completely.

For steel surfaces:

- The surface must be treated by blast cleaning to arrived to cleanness grade Sa 2½ and roughness 40:75 µm according to ISO 8501.

For concrete surfaces:

- All new surfaces must be cured at least for 28 days prior to application.

Application Guide

- The required temperature during application, must not be less than 5°C; the surface moisture should not exceed 8% and the relative humidity at work place should not exceed 70%.
- pH of surface should not exceed 9.
- Base and hardener should be mixed carefully and homogenously.
- The mixed paint should be used within the recommended pot-life.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be given between the two coats.
- Adequate ventilation should be provided during drying time.

Application Tools

- Putty knife.

Mixing Ratio (By weight) : Base to Hardener (4 : 1).

Potlife : 45 minutes at 25°C.

Painting System

- Fill pores, hollows and cracks with "Time Epoxy Crack Filler" until the surface becomes leveled and smooth.

Drying Time

- **Surface dry :** 5 hours.
- **Recoating Interval :** 7 hours (minimum)
- **Full cure :** 7 days.

All above test results according to ASTM D5895@ 25°C.

Cleaning Tools

Time Thinner 505.

Time Epoxy Crack Filler

TI-62001

Packing

- Base : 5 Kg
- Hardener : 1.25 Kg

Shelf Life & Storage

Shelf life : 12 months @ 25 °C.

Storage : The container should be kept in sealed, dry, cool, well -ventilated place and stored in accordance with national regulations.

Safety Precaution

- Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
- Handle with care before and during use.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.
- Recommended to use the product in well-ventilated area when applying the paint in insufficient ventilated areas, forced ventilation should be provided.
- Keep away from the reach of children.

For environmental safety : please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Disclaimer

To the best of our knowledge the technical data listed herein is true and accurate up to publication date and is subject to change without prior notice. User must contact Al-Daman Building Materials Company to verify of any modifications before specifying or ordering the product. Thus, information given in this sheet is not intended to be exhaustive and any person using the product other than the recommendations in this sheet or without reverting to our Timepaints TSD, he should take his accountability in this connection.

As we are not capable to control the quality and the substrate's conditions as well as the factors that affect on using, or applying the product, so we never give any written or implied guarantee in these documents, but we guarantee our products to conform to Timepaints quality while we assume no responsibility for coverage, performance or injuries resulting from application. Liability "if any" is limited to replace the products mentioned above.