

# CRETEX™ TR EPOXY MORTAR

## Trowel grade, high strength floor repair

Revised May 2019



### DESCRIPTION

**Creutex TR** is an exceptionally high strength, chemical resistant, two pack solvent free epoxy mortar.

**Creutex TR's** unique formulation includes an aggregate blend in both parts with it's 1:1 mix ratio ensuring speed and accuracy no matter how small the quantity mixed.

### PRODUCT FEATURES

- 1:1 mix ratio
- Non-toxic and solvent free
- Rapid cure. Extremely hard in 12 hours!
- 45 minutes working time
- Primers not normally required
- Incredible adhesion to clean concrete
- Chemical resistant

### USE AREAS

- Filling floor cracks, chips, holes etc.
- Spalled concrete floors
- Eroded concrete floors
- Repairs to step edges
- Floor coving
- Creating ramp edges for wheeled traffic
- Concrete kerb repair

### SPECIFICATION CLAUSE

Concrete damage areas so designated shall be repaired with Cretex TR epoxy mortar as supplied by Regis Coatings. The epoxy mortar should be applied in accordance with the Regis Coatings current product data sheet.

### PACKAGING

Creutex TR is available in 1 litre and 4 litre packs. Each pack consists of two components (Part A and Part B). The total quantity comprises the pack size, eg. the 4 litre pack includes 2 litres of Part A and 2 litres of Part B.

### APPLICATION INSTRUCTIONS

#### Surface Preparation

Ensure the substrate is in clean and sound condition. The surface shall be free of dirt, oil, grease, moss and loose material and not more than slightly damp.

Oily cavities, craters and very fine cracks should be gouged out using a diamond cutting blade on an angle grinder.

#### Mixing Directions

Wear impervious gloves, such as nitrile disposable gloves. Take an equal quantity of each Part A & Part B. Knead together thoroughly in hands or on a mixing board until a consistent mix is obtained. Keep the gloves slightly wet with water to avoid stickiness.

#### Application

Surface should be preferably dry. Press the mixed product into the cavity and use a clean steel trowel, moistened with water to level off the Cretex TR to a smooth finish.

As Cretex TR is resin rich, lightly moistening gloves and tools with a damp cloth will assist mixing and handling. Once mixed working time is approximately 45 minutes.

### PRODUCT DATA SUMMARY

Property	Typical Values
Colour, wet	Part A: Off white paste
Colour when cured	Mid grey
Setting time	2 to 4 hrs depending on temperature
Flash point	110°C
Solids content	>95%
Specific gravity	1.85kg / litre
Compressive strength	56.5 MPa
Pot life	45 minutes at 20°C
Application Temperature	6°C to 35°C
Density when fully cured	1812kg/m <sup>3</sup>
Heat resistance, 80°C	No flow, sag or blistering

Actual values may vary from the samples tested.

Phone tollfree  
0800 542 542

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## HEALTH AND SAFETY

**Flammability:** Non flammable.

**Skin contact:** Wear impervious gloves. Occasional contact is unlikely to have any adverse effect except on particularly sensitive skin. As a general precaution, avoid repeated or prolonged contact. Remove skin contamination when wet with water. Use a heavy duty hand cleaner if the product has dried.

**Eye Contact:** As eyes are a sensitive area, contact should be avoided. Wear safety glasses while mixing and applying. In the event of accidental contact, irrigate immediately with plenty of clean water. Consult a doctor.

**Inhalation:** Use in well ventilated areas and avoid inhalation. This product is not likely to cause breathing difficulty, but if breathing problems occur, move the person to fresh air and obtain medical attention.

**Oral ingestion:** With proper careful handling oral ingestion should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating and drinking.

**Spillage:** Unused material should be disposed of in accordance with local regulations. Do not dispose of unused material into drains.

**Disposal of containers:** Do not leave empty containers on the work site where any residue could be a hazard to children or animals. Replace lids and remove all containers to a central disposal point.

## BASIC MIXING DIRECTIONS

Refer also to the more detailed directions on page 1.

1.

Wear latex or vinyl gloves. Keep the gloves moistened with water. Take equal parts of each, Part A and Part B.



2.

Knead the two parts together thoroughly until a consistent mix is obtained.



3.

Press the mixed Cretex TR into the prepared cavity and smooth off with a moistened steel trowel.



4.

If necessary, a diamond grinder can be used after 12 hours to achieve a smoother finish.



## CLEANING OF TOOLS

Equipment and tools should be cleaned with hot water and detergent immediately after use. Or in some situations solvent such as mineral turps may be used. Cured material may need to be removed with fine sandpaper.

## TECHNICAL SUPPORT

Further information is available on our range of epoxy coatings, floor repair products, waterproofing and roof coatings by visiting our website at [www.regiscoatings.co.nz](http://www.regiscoatings.co.nz) or phone us to discuss your requirements.

The information provided in this technical bulletin is as up-to-date and correct in detail as possible and is intended to give a fair description of the product and its capabilities. The user of these materials must satisfy themselves with the suitability for a particular application. If unsure about use with certain chemicals, please contact the manufacturer.

## MANUFACTURED BY:



### Regis Coatings Ltd

127 Antigua Street, Addington, Christchurch 8024, NZ

Ph: 64 3 962 6387 Freephone: 0800 542 542

Email: [sales@regiscoatings.co.nz](mailto:sales@regiscoatings.co.nz) Website: [www.regiscoatings.co.nz](http://www.regiscoatings.co.nz)

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