

CRETEX™ EPOFLEX

FLEXIBLE EPOXY FLOOR REPAIR

High Strength & Adhesion

Flexible Epoxy Formula

Non-toxic and Solvent Free

DESCRIPTION

Cretex Epoflex is a high-strength, three-part pourable epoxy compound formulated with flexibility. Designed for the repair of cracks and damaged floor joints. It delivers excellent adhesion and long-lasting performance. Its flexible properties make it ideal for areas subject to vibration, thermal movement, or minor structural shifts. Cretex Epoflex flows easily, has good working time, and self-levels to form a durable finish that will withstand high levels of use and movement.

PRODUCT FEATURES

- Flexible formulation for movement tolerance
- Exceptional puncture and impact resistance
- Three components supplied in a convenient mixing pail
- Non-toxic and solvent free
- Rapid curing - firm in 12 hours
- Exceptional adhesion to clean concrete
- No primer required in most cases
- Excellent chemical resistance

USE AREAS

- Floor cracks and damaged control joints in concrete floors
- Flexible repairs in areas subject to vibration or movement
- Structural repairs where minor shifting may occur
- Beverage and food industry floors
- Dairy sheds

PACKAGING

Cretex Epoflex is available in 1.5 kg, 5 kg, and 10 kg pack sizes. Each pack is supplied in a handy mixing pail and consists of three components (Part A epoxy, Part B curing agent and Part C fillers).



PART A



PART B



PART C

APPLICATION INSTRUCTIONS

PREPARATION: Ensure all cracks or joints are completely free of dust, dirt, oil, grease, moss, and loose material. Oily cavities, craters, and cracks should be gouged out using a diamond cutting blade on an angle grinder. Cracks less than 5 mm wide must be chased out to a depth of 10-15 mm with a diamond cutting blade on an angle grinder. V-shaped chasing blades are not recommended. In cases of spalled joints, shot-blasting may also be used.

MIXING: Wear impervious disposable nitrile gloves. Pour the full contents of Part A and then Part B into the supplied mixing pail – do not mix partial quantities. Immediately stir until a uniform blend is achieved, then add Part C and mix again until fully consistent. Ensure no unmixed material remains on the sides or bottom of the pail. **Important:** Do not dilute Cretex Epoflex with water. In cold conditions, gently warming the product will assist with mixing, finishing, and pourability.

WORKING TIME: Once mixed, the working time is approximately 45 minutes @ 20°C. Elevated temperatures will reduce working time.

APPLICATION: Surface must be dry. Apply to prepared cracks or joints using a large syringe or a suitable plastic applicator bottle or jug. Top up if slumping occurs.

FLOOR CONTROL JOINTS: For areas with excessive movement, existing floor expansion joints may require re-cutting through the Cretex Epoflex layer. This can be done using a diamond saw after 2-3 days curing. The saw cuts can then be filled with Cretex MS flexible sealant.

SETTING TIME: Firm in 4-6 hours at 20°C. Light traffic after 6 hours. Full cure 48-72 hours at 20°C. This epoxy product should only be applied at temperatures between 6°C and 35°C.

CLEAN UP: Equipment and tools should be wiped clean with a dry rag immediately after use before setting commences. Solvent such as Mineral Turpentine or IPA can be used prior to material drying. Cured material will require mechanical removal.

STORAGE: Shelf life is 12 months in original sealed containers, stored indoors at temperatures between 6°C and 30°C.

LIMITATIONS

Not a structural repair product - Designed for cosmetic or minor movement cracks; not intended to restore structural integrity in wide or actively moving joints.

Requires sound substrate - Will not adhere properly to weak, dusty, or contaminated surfaces; substrate must be clean, dry, and free from oils or laitance.

Movement limitations - Whilst flexible, it is not designed to bridge dynamic joints with excessive or continuous movement.

Moisture sensitivity during application - Should not be applied to damp surfaces, concrete must be dry to obtain good adhesion.

T: 0800 542 542

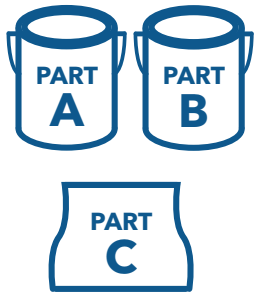
W: www.regiscoatings.co.nz



BASIC MIXING DIRECTIONS

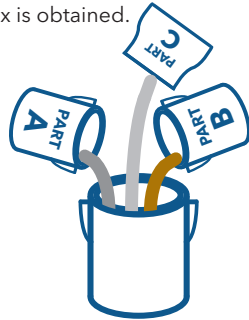
1

Open kit. Contents should include Parts A, B & C, mixing pail and disposable nitrile gloves.



2

Combine complete Part A with Part B in mixing pail. Stir thoroughly. Add Part C filler, blend and stir in until a consistent mix is obtained.



3

Apply the mixed Cretex Epoflex into crack or joint using a syringe or other suitable applicator device.



4

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



Refer also to the more detailed directions on page 1.

PRODUCT DATA SUMMARY

Property	Typical Values
Colour, wet	Part A: Pigmented epoxy resin (Grey) Part B: Cream liquid Part C: White sand blend
Colour when cured	Mid Grey
Appearance (wet)	Thick resinous fluid
Pot life once mixed	45 minutes at 20°C
Application temperature range	6°C to 35°C
Specific gravity (combined)	No data
Solids content	>95%
Flash point	>110°C
Heat resistance, 80°C	No flow, sag, or blistering
Density when fully cured	No data
Compressive strength	No data
Flexural strength	No data
Tensile strength	No data
Light foot traffic	6 hours
Full cure	48-72 hours
Storage	Store indoors between 8°C and 20°C
Shelf life	12 months in unopened pails

Actual values may vary from the samples tested

HEALTH AND SAFETY

FLAMMABILITY: Non flammable.

SKIN CONTACT: Wear impervious gloves such as nitrile disposable 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 proprietary 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, rinse immediately with plenty of clean water. Consult a doctor

INHALATION: Use in well ventilated areas and avoid excessive 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 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.

SDS AVAILABLE ON REQUEST

TECHNICAL SUPPORT

Further information is available on our full range of epoxy floor repair resins, concrete sealers, waterproofing and roof coatings. Visit our website at www.regiscoatings.co.nz or phone Tollfree: 0800 542 542 to request brochures or a site visit.

SPECIFICATION CLAUSE

Concrete cracks, voids, and surface defects so designated shall be repaired using Cretex Epoflex flexible epoxy crack repair compound as supplied by Regis Coatings. The product shall be mixed and applied to the prepared surface in accordance with the Regis Coatings current product data sheet.



MANUFACTURED BY:

Regis Coatings Ltd

127 Antigua Street, Addington, Christchurch 8024, NZ

Phone: +64 3 962 6387

Freephone: 0800 542 542

Email: sales@regiscoatings.co.nz

Website: www.regiscoatings.co.nz

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.

T: 0800 542 542

W: www.regiscoatings.co.nz

Revised: August 2025

