



**PRODUCT DESCRIPTION**

Durapur Repair concrete crack sealant is a textured one component, fast curing , flexible, material providing a durable elastic bond.

Ultra Strong Pourable Epoxy Resin Liquid Crack Filler is the ideal solution to penetrate, fill and seal fine cracks in concrete. Durapur Repair concrete crack sealant is a textured one component, fast curing , flexible. It offers excellent Waterproofing and can even Penetrate Damp Concrete Surfaces, perfect for use as a concrete waterproofing solution on floor surfaces including concrete stairs and steps.

Durapur Repair is most suitable for pourable or pressure injection crack repairs in concrete or brick work, curing to extremely high strengths. (if needs can be add 2. Component at the cold weather).

**PRODUCT USE**

Durapur Repair® Concrete Crack Sealant is suitable for interior and exterior concrete crack applications.

Durapur Repair® Concrete Crack Sealant has excellent adhesion to concrete, masonry, stucco, pre-painted metal, glass, plywood, aluminum, steel and many plastics and composites.

**ADVANTAGES**

- Easy to Apply
- Cures stronger than concrete
- Professional Finish
- Extreme Durability
- Can be applied over a wide range of temperatures
- Ideal for cracks up to 2cm deep
- 100% Epoxy - Solvent Free

**TYPICAL PHYSICAL PROPERTIES (ASTM C 920,TYPE S)**

Primer Required	No
Elongation	>700%
Durometer Hardness, Shore A	50
Composition	Low viscosity two part high strength epoxy resin, solvent free
Durability	Very heavy duty
Substrates	Concrete, sand,cement, brick and wood Etc.
Tack-Free Time at 75oF (24oC), 50% RH	2 hours
Product Components	Epoxy Resin & Activator
Modulus 100% Elongation	100 psi (0.7 MPa)
Typical Installations	Concrete crack repair, concrete crack injection, epoxy anchoring for bolts etc. Also seals/strengthens weak/porous stone, concrete & brickwork

**PREPERATION**

The substrate should be clean, free from laitance, oil, grease or other agents which may impair adhesion or drying. If the weak pieces in the crack or side of crack it must be cut with machine and get strong sides.





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## DURAPUR REPAIR

TECHNICAL DATA SHEET

### APPLICATION

Use adequate ventilation. Remove dirt, dust and old adhesive. The substrate must be clean, dry, frost-free, sound and free of any oils, greases or incompatible sealers, paints or coatings that may interfere with adhesion. Use wire brush or pour it on crack.

Cut plastic tip to desired size and fully puncture airtight seal at base of tip. Using a caulk gun, apply caulking to one of the surfaces to be bonded. Or pour it on cracks directly. Force sealant into gaps or cracks and smooth bead to desired shape. Be certain to fill all gaps when working on rough surfaces. It can be used until 20 mm.

### CURING

Durapur Repair Concrete Crack Sealant will be tack-free in 4 hours at (24 C) and 50% relative humidity, and fully cured in 5 to 8 days. Low humidity, cooler temperatures and non-porous substrates will lengthen these times. Allow sealant to cure for 72 hours prior to painting or exposing to traffic. Paint only with water based coatings. Allow 7 days of curing prior to temporary water immersion. Not recommended for aquariums or marine applications.

### CLEANING

Cured material is very difficult to remove. May use rubbing alcohol cautiously on skin. Uncured material can be removed from tools and surfaces with solvents such as alcohol, citrus removers or nail polish remover. Employ solvents cautiously; solvents are flammable; follow with soap and water as appropriate. Cured material may be removed mechanically. Avoid contact with strong acids and oxidizers.

### PACKING

- 1,25 kg can
- 5 kg can
- 20 kg can

### SHELF LIFE

At least 24 months when stored in tropical climates.

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by agel chemicals

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