

Crack Sealer Plus

Fills cracks from just 2mm wide

- Available in 'Brick Red' & 'Concrete Grey'
- Pack Contents: 300ml
- As a guide, 300ml of Twistfix[®] Crack Sealer Plus is sufficient for 30mm deep injection of a 5m crack that is 2mm wide



Twistfix[®] Crack Sealer Plus is a 2-part thixotropic epoxy adhesive. It may be used in film thicknesses between 0.2mm and 12mm. **Twistfix[®] Crack Sealer Plus** is specifically formulated for repairing fine cracks in brick, block, stone, concrete or masonry.

Twistfix[®] Crack Sealer Plus is supplied in two screw cap containers, one contains the base resin the other contains the curing agent. Included is a follower plate, empty cartridge, outlet adaptor nozzle and 2 flexible injection nozzles (2mm & 6mm).

Twistfix[®] Crack Sealer Plus is a high strength cosmetic repair gap filling adhesive with low pressure crack injection. Colours available are Stone Grey and Brick Red.



Preparation

Cracks and fissures should be treated by air blower or vacuum in order to remove loose or friable dust. For detailed information on injection techniques and preparation, consult our Technical Bulletin and Technical Information Sheet.

Mixing

Add the total contents of the smaller container (hardener) to the contents of the larger container (base). Mix the two pastes thoroughly, ideally using a mixing knife. Place the follower-plate onto the surface of the mixed material ensuring it fits parallel in the tub with the outer and central lip pointing upwards. Place the back end of the cartridge vertically and centrally over the hole in the follower-plate. Press the cartridge firmly and continuously down on the follower-plate until the follower-plate bottoms on the mixing tub base. Carefully remove and invert the now full cartridge. Assemble the nozzle adaptor and nozzle onto the cartridge and insert the rear plunger.

Applications

- Seal cracks in bricks, blocks, render and concrete
- Bond fractured masonry
- Fill fine cracks without injection ports

Features

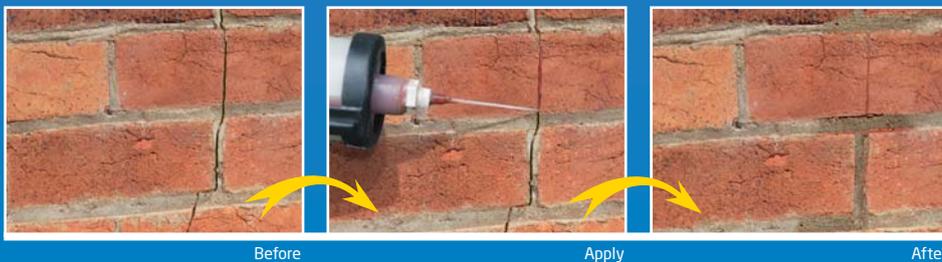
- Two part non-shrink, epoxy resin injection system
- Gels rapidly and cures within 12 hours
- Combines with substrate to create high bond strength
- Reduces viscosity under injection pressure to fill micro cracks
- Flexible 2mm & 6mm injection nozzles for ultra-fine crack injection

Application



As the material cures quickly it's imperative that all preparatory work is completed prior to mixing the **Twistfix[®] Crack Sealer Plus**. Install the full cartridge of **Twistfix[®] Crack Sealer Plus** into a skeleton gun. Inject the crack sealer material directly into the base of the crack and work outwards, filling the crack completely. Immediately remove any excess with a damp lint free cloth. If necessary brick dust can be applied to improve colour match with substrate when the sealer is tacky. Do not mix brick dust with crack sealer material or you may have problems dispensing it. The material will continue to cure in the cartridge so please sure you have exhausted all the material necessary within the cure schedule. Please dispose of any waste material carefully.

Red Brick



Grey Render



Benefits

- Quick and easy to use brick adhesive
- Ideal for all types of cracked masonry
- Provides a waterproof seal
- Fills cracks from 2mm-12mm wide without injection ports
- Complements crack stitching for structural crack repairs

Technical Information

Cure Schedule

Workability	Cure Schedule	Peak Exotherm	
		Not Insulated	Insulated
60 mins at +10°C	10-12 hrs at +10°C	20°C	30°C
20 mins at +20°C	4-6 hrs at +20°C	50°C	100°C
10 mins at +30°C	1-2 hrs at +30°C	75°C	130°C

Material Usage Coverage

As a guide for **Twistfix[®] Crack Sealer Plus** injection 300cc should inject 5m linear metres of a crack 2mm wide x 30mm deep.

Cured Properties

Tensile Strength	17 N/mm ²
Flexural Strength	34 N/mm ²
Compressive Strength	>50 N/mm ²
Bond Strength	3 N/mm ²
Modulus of Elasticity	706 N/mm ²

Cleaning of Tools

Uncured **Twistfix[®] Crack Sealer Plus** may be readily removed from tools and equipment with Solvent Cleaner. Mechanical methods are required to remove cured material.

Important Information

PLEASE READ

The site conditions and equipment required when using individual **Twistfix[®]** products are specific for each project. Only advice given by **Twistfix[®]** in writing will be considered as part of our contractual liability.

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices.

Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

N.B. Figures are given as a guide only. Storage temperature prior to use and ambient temperature during use can considerably change workability and cure characteristics.

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