CrackBond TE

250ml cartridge

General purpose thixotropic epoxy resin

APPLICATIONS

- For bonding cracked masonry, metal fixings and anchors

FEATURES

- Non-shrink, medium viscosity, thixotropic epoxy
- Flows easily under pressure to fill voids, strengthen porous masonry and bond cracked masonry
- Fills cracks from 2mm-10mm wide
- Gels rapidly and cures within 24 hours
- Excellent structural bond with bricks, blocks, stone, concrete
- 250ml part-usable cartridge

PERFORMANCE DATA

SETTING TIMES		
Temperature	Gel time	Service load time
5°C	150 mins	24 hours
20°C	30 mins	8 hours
30°C	15 mins	4 hours

TYPICAL PERFORMANCE	
12mm ø bolt, 110mm deep in 14mm ø hole 30/Nmm^2 concrete	Characteristic tensile load (N_{Rk}) 59.6kN
Storage conditions	Cool, dry, frost-free conditions away from direct sunlight
Storage temperature	5°C to 20°C
Shelf life	24 months under normal conditions
Cartridge size	250ml

For Health & Safety information, call Helifix for the relevant Safety Data Sheet

INSTALLATION PROCEDURES

For crack injection

1. Ensure the crack is dry and free from grease, oil, dust and other contaminants.
2. Any loose material must be blown out with clean, dry compressed air to ensure both the complete removal of all dust and other loose particles and the continuity of the injection path.
3. It is generally possible to extrude CrackBond TE directly into the open crack, without the need to seal the face and fix nipples, by drilling small holes at regular intervals, typically at 150mm centre spacing. Successful application into wider cracks is dependent upon factors such as the shape and dimensions of the crack, its orientation and the total volume of the material to be placed.
4. After the resin has been allowed to cure, any holes or voids should be made good.

INSTALLATION PROCEDURES

For bonding anchors

1. Drill the hole to the correct diameter and depth using a rotary percussion drill.
2. Clean the hole using a stiff wire or nylon brush and clean compressed air or blow pump.
3. Once the hole is prepared, remove the screw cap from the cartridge.
4. Attach mixer nozzle, place in applicator gun and dispense the first part of the cartridge to waste until an even colour is achieved.
5. Insert the mixer nozzle to the far end of the hole and half fill hole (depending upon application). Withdraw nozzle as you fill the hole. For deep holes, extension tubing can be used.
6. Immediately insert the tie or fixing using a slight twisting motion.
7. Excess resin should be removed from the mouth of the hole before it sets.
8. Leave the fixing undisturbed until loading time has elapsed, then attach the fixture and tighten the nut.