

SFCF Grout (Super Fine Crack Filler)

Pumpable caulking for repair of large cracks

Description

SFCF is a blend of cements, pozzulanic extenders, fillers, pump aids, crystalline waterproofing and polymers.

Uses

SFCF can be low pressure injected into cracks of 500 micron up to 5 mm to re-bond concrete, plaster, bricks and stone.

Advantages

SFCF is a one component compound. The powder is mixed with water only.

SFCF seals cracks by full depth penetration and the crystal activation provides autogenous healing and water-tight filling.

Slab stabilization or jacking

Ports are drilled at suitable positions and copper pipe inserted to the bottom of the slab into the cavity at the sub-grade and then caulked with rapid setting cement.

Mix the **SFCF** mechanically to ensure sufficient volume to pump without interruption. Attach pump to the ports by a suitable flexible pipe. Install a pressure gauge if desired.

Pump the **SFCF** into the slab cavity until full. If slab jacking is required take care not to use excessive pressure and thus either crack the slab or raise the slab differentially.

Application

Cracks to be filled must be cleaned, vacuumed to remove dust, and wetted down before installation starts.

Shutter tape should be applied over the cracks to ensure **SFCF** does not extrude out of the cracks. Mix the powder with water as described below and fill the thixotropic mixture into a caulking gun.

Drill ports into the crack through the shutter tape and then pump **SFCF** into the crack moving progressively from the bottom up. When the SFCF has set, remove the shutter tape and scrape the filler flush with the surface of the repaired structure.

Curing

Do not water cure. **SFCF** contains polymers for air-curing.

Packaging

Packed in 20 kg or 10 kg poly prop woven bags with polyethylene inner-liner.

Yield

Approximately 2 kg per litre.

Shelf Life

Up to one year, stored in cool dry conditions where bag is not punctured or damaged.



Samson Technologies cc

Unit 4, Trevallyn Park East, Hyskraan Close, Kya Sands, Randburg, ZA

Tel: +27 (0)11 462 2666 **Email:** info@samson.co.za **Web:** www.samson.co.za

Warranty

Samson warrants that its products will perform as declared in its literature and this warranty extends only to the replacement of any of its products that may be proven to be defective.

Disclaimer

Samson Technologies retains the right to change any information in our literature, at any time, without prior notification.