

C Mix Plus Polyester Resin - Styrene free



Universal styrene free resin

C Mix Plus is a polyester resin dedicated for fixings into hollow materials. This product now comes styrene free and in an extended range of packaging options. The curing time has also been reduced in order to better suit end user needs.

Substrates

- Concrete
- Solid brick stone
- Solid brick
- Hollow block wall
- Hollow brick
- Hollow floor beams

Specification

C Mix Plus is a 10:1 resin injection fixing system. On application the pre-mixed resin is injected into the fixing hole. Studs or internally threaded sockets are installed immediately and the resin allowed cure time.

C Mix Plus Polyester resin, styrene free formula, catalytic hardener.

Applications

- Security shuttering
- Heating applications
- Mechanical & Electrical services
- Signs
- Stadium seating

Approvals

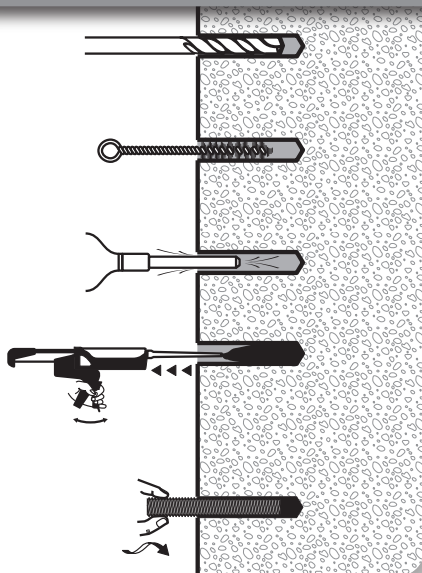


SOCOTEC

Installation Equipment

- Rotary Hammer (SP21, 322, 327, 331, 335, 352)
- Correct size drill bit
- Correct brush size
- Appropriate size hexagon drive socket
- Blow Out Pump
- Torque wrench

Installation



1. Drill hole with correct size drill bit to recommended depth and diameter (see table attached).
2. Remove debris from hole by blowing out with compressed air or hand held blow out pump. This process should be repeated twice.
3. Assemble nozzle onto cartridge. Extrude resin until an even mix is achieved then inject into hole until half full.
4. Insert stud by hand to full depth, using a slow rotating method. This will ensure that any air pockets escape ensuring a correct setting.
5. Allow C MIX to cure for specified period, details found on tube and vary according to air temperature, prior to applying recommended torque.

C Mix Polyester Resin Indicative Tensile loads in concrete

Thread Diameter	Hole Diameter	Embed Depth	Centre Space	Max Torque	> C20 / 25 Tensile Load	Solid Brick Tensile Loads	Hollow Block > 3.5N/mm2
M8	10mm	80mm	120mm	10Nm	3.85kN	1.3kN	0.75kN
M10	12mm	90mm	130mm	20Nm	6.25kN	1.3kN	0.75kN
M12	14mm	110mm	165mm	30Nm	9.10kN	1.3kN	0.75kN