

Spit C Mix Plus Polyester Resin - Styrene free



High Performance 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.

Product Advantages

- Styrene free
- Shorter setting time
- Adapted to hollow materials
- Socotec approval
- M6 - M16 stud applications
- Cartridge is self UV protected for better conservation
- Bottom now sealed to prevent leakage / stickiness
- Improved viscosity best adapted to Satelis
- Wider range of packaging options

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.

Substrates

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

Approvals



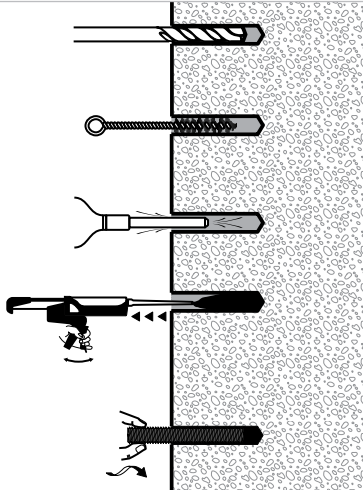
Applications



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

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Installation



1. Drill correct diameter hole to recommended depth.
2. Clean hole thoroughly with brush.
3. Pump air into hole and repeat brush and blow process.
4. Assemble nozzle onto cartridge. Extrude resin until an even mix is achieved and then inject into hole.
5. Insert stud by hand to full depth, using slow rotating movement.
6. Allow C Mix to cure for specified period before loading.

Product Range - Spit C Mix Plus Cartridges and Nozzles

Eurocode	Description	Box Qty	Carton Qty
051047	C Mix Plus Grey (150ml)	1	10
051048	C Mix Plus Grey (300ml)	1	10
051049	C Mix Plus Grey (380ml)	1	10
051052	C Mix Plus Grey (380ml) Bulk*	1	20
050882	C Mix / Epomax Nozzles	1	5
995940	Extension Nozzle	1	

*Must be ordered in quantities of 20.

Product Range - Spit C Mix Plus Application Tool

Eurocode	Description	Box Qty	Carton Qty
771510	Injection Tool	1	1

Spit C Mix Plus Polyester Resin Indicative Tensile loads in concrete

Thread Ø (mm)	Hole Ø Male Stud	Embed Depth (mm)	Max Torque (Nm)	Centre Space (mm)	Edge Dist (mm)	>C20 / 25 Tensile Load (kN)	Solid Brick Tensile	Hollow Block >3.5N/mm ²
M8	10	80	10	120	80	3.85	1.3	0.75
M10	12	90	20	135	90	6.25	1.3	0.75
M12	14	110	30	165	110	9.10	1.3	0.75

In order for technical values and approvals to be valid, studs with embedment depth mark should be used.