



Chemical Anchor System

- Economical to use
- Resistant to dynamic loads
- Stress free fixing
- Versatile: suitable for solid or hollow applications
- High tensile strength when set

The Chemical Anchor System has been developed to enable the bonding of awkward fixings and problematic materials. The cartridge design keeps the resin and catalyst separate until they are dispensed through the static mixer nozzle. The polyester resin has been chosen for ease of application and high tensile strength when set.

Chemical Anchor Systems Applications:

Hollow Materials - Remedial wall tiles, wall plates, brackets and fabricated stairways.

Solid Materials - Railings/balustrades, reinforcing rods, retaining masonry facades using threaded rod.

Services - Pumps, fans, vibration proof fixing of motors, radiators.

Installation:

Use in well-ventilated area.

N.B. before a cartridge is used ensure both dispensed holes are clear and to eject the first 10ml or so of resin to waste. Until mix is an even colour.

1. Drill correct size hole.
2. Clean hole by brushing and blowing out.
3. For hollow walls insert correct size sleeve.
4. For overhead applications push retaining collar fully into place.
5. Inject resin into the hole until approx. 1/3 full (full for hollow sleeves).
6. Release pressure on gun.
7. Insert the bolt, turn the bolt back and forwards with fingers, ensuring enough resin is available to overflow around the bolt.
8. Wipe off excess resin.
9. After cure time, attach fixture.

After the last hole is completed and resin still remains in the tube, release the pressure and remove the tube from the gun. Wipe off any excess resin from the end of the nozzle and replace screw on cap. Store until next required (within shelf life).

Art No	Size	Pack/Qty
1903 380 99	380ml cartridge	1/12
1903 10	Application gun	1
1903 380 991	Static Mixer Nozzle	

Hardening time

Base Material Temperature (°C)	Gel Time mins	Min Loading Time mins
25	3	30
15	6	35
5	12	50
-5	50	90

Number of fixings per cartridge (approx.)

Thread dia. mm	Hole dia. mm	Hole depth mm	Polyester in styrene 380ml
8	10	75	100
10	12	75	50
12	14	100	35
16	18	125	20
20	22	150	8