



**Non-Cut
System**

410ml / 300ml / 165ml INJECTION RESIN



NEW NON-CUT SYSTEM FEATURES / BENEFITS:

- Ready to use without cutting means a safer, faster extrusion
- Available in the entire chemical anchor range
- Low extrusion force, easier and faster to use
- 100% resin extrusion
- No resin waste after opening
- Uses Standard Tools
- Absolutely no leakage



Sealing Plug



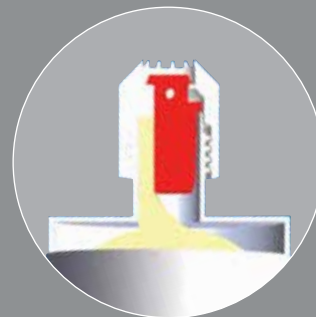
Step 1
Unscrew cap



Step 2
Screw on mixer



Step 3
Extrude using Standard Tools



**Opening and Seal System
safer, quicker, easier**



410ml - Single Piston

| Code | Content | Cartridge Description |
|-----------|---------|---|
| 0868PR410 | 410ml | Polyester Resin with 1 mixer nozzle |
| 0868EA410 | 410ml | Styrene Free Epoxy Acrylate with 1 mixer nozzle |
| 0868VE410 | 410ml | High-Load Pure Vinylester Resin with 1 mixer nozzle |
| 0868MC165 | 165ml | Styrene Free Polyester Resin with 1 mixer nozzle |
| 0868PR300 | 300ml | Styrene Free Polyester Resin with 1 mixer nozzle |

The (foil) bag system creates less product waste during usage, and leaves less waste product inside the cartridge, which gives you more resin to use.

Suitable for all cartridges.

Special disruptor for diffusion effect to reduce force.

X9 helical mixing deflectors inside.

Instantly mixed product with no wastage.

Superior mixing compared to other mixers.



WITH "TURBO MIXER" NOZZLE!

CHEMICAL ANCHORS - Injection Resins

| Code | Content | Cartridge Description | Qty Per Box | Weight Kg Per Cartridge | Price £ Per Item |
|-----------|---------|--|-------------|-------------------------|------------------|
| 0868MC165 | 165ml | Styrene Free Polyester Resin with 1 mixer nozzle | 15 | 0.38 | 12.50 |
| 0868PR300 | 300ml | Styrene Free Polyester Resin with 1 mixer nozzle | 12 | 0.60 | 17.39 |
| 0868PR410 | 410ml | Polyester Resin with 1 mixer nozzle | 12 | 0.76 | 15.28 |
| 0868EA410 | 410ml | Styrene Free Epoxy Acrylate with 1 mixer nozzle | 12 | 0.76 | 17.72 |
| 0868VE410 | 410ml | High-Load Pure Vinylester Resin with 1 mixer nozzle - ETA Approved | 12 | 0.78 | 18.65 |
| 0868PE400 | 400ml | Pure Epoxy Resin with 1 mixer nozzle - WRAS Approved | 10 | 0.82 | 26.55 |

NUMBER OF FIXINGS PER CARTRIDGE

| Stud Diameter (mm) | Hole Diameter (mm) | Hole Depth (mm) | Fixings Per 410ml | Fixings Per 300ml | Fixings Per 165ml |
|--------------------|--------------------|-----------------|-------------------|-------------------|-------------------|
| 8 | 10 | 80 | 90 | 71 | 39 |
| 10 | 12 | 90 | 55 | 43 | 24 |
| 12 | 14 | 110 | 33 | 26 | 14 |
| 16 | 18 | 125 | 17 | 13 | 7 |
| 20 | 22 | 170 | 9 | 7 | 4 |

Technical Information Epoxy Acrylate

| Thread Diameter (size) | Hole Diameter (mm) | Embedment Depth (mm) | Fixture Clearance Hole (mm) | Characteristic Spacing (mm) | Characteristic Edge Distance (mm) | Structure Thickness (mm) | Rec Tensile Load kN | Rec Shear Load kN | Rec Tight Torque Nm |
|------------------------|--------------------|----------------------|-----------------------------|-----------------------------|-----------------------------------|--------------------------|---------------------|-------------------|---------------------|
| M8 | 10 | 80 | 9 | 160 | 80 | 100 | 5.60 | 5.40 | 6 |
| M10 | 12 | 90 | 11 | 180 | 90 | 130 | 9.00 | 8.60 | 17 |
| M12 | 14 | 110 | 13 | 220 | 110 | 150 | 14.10 | 12.50 | 33 |
| M16 | 20 | 125 | 17 | 250 | 125 | 170 | 20.70 | 23.30 | 75 |
| M20 | 24 | 170 | 22 | 340 | 170 | 190 | 27.70 | 36.40 | 120 |
| M24 | 28 | 210 | 26 | 420 | 210 | 240 | 52.40 | 54.70 | 198 |
| M30 | 35 | 280 | 33 | 560 | 280 | 360 | 118.60 | 118.60 | 480 |

Concrete = 25Nmm² (C20/25) 5.8 Grade Studding

Technical Information Polyester Resin

| Thread Diameter (size) | Hole Diameter (mm) | Embedment Depth (mm) | Fixture Clearance Hole (mm) | Characteristic Spacing (mm) | Characteristic Edge Distance (mm) | Structure Thickness (mm) | Rec Tensile Load kN | Rec Shear Load kN | Rec Tight Torque Nm |
|------------------------|--------------------|----------------------|-----------------------------|-----------------------------|-----------------------------------|--------------------------|---------------------|-------------------|---------------------|
| M8 | 10 | 80 | 9 | 160 | 80 | 100 | 4.90 | 5.40 | 6 |
| M10 | 12 | 90 | 11 | 180 | 90 | 130 | 7.50 | 8.60 | 17 |
| M12 | 14 | 110 | 13 | 220 | 110 | 150 | 10.60 | 12.50 | 33 |
| M16 | 20 | 125 | 17 | 250 | 125 | 170 | 12.30 | 23.30 | 75 |
| M20 | 24 | 170 | 22 | 340 | 170 | 190 | 19.90 | 36.40 | 120 |
| M24 | 28 | 210 | 26 | 420 | 210 | 240 | 27.40 | 52.40 | 198 |
| M30 | 35 | 280 | 33 | 560 | 280 | 360 | 46.50 | 69.30 | 480 |

Concrete = 25Nmm² (C20/25) 5.8 Grade Studding

Typical Cure Times Example for Polyester with M12 Fixing

| Base Material Temperature °C | 35°C | 25°C | 15°C | 5°C | -5°C | -10°C |
|------------------------------|--------|--------|--------|--------|--------|---------|
| Gel Time (Working Time) | 3mins | 7mins | 11mins | 21mins | 50mins | 60mins |
| Minimum Loading Time | 20mins | 20mins | 20mins | 30mins | 90mins | 180mins |

(also listed on label of each resin tube)

COSHH safety sheet available on request or online at www.masonmate.com



300ml Polyester Resin



410ml Epoxy Acrylate



410ml High-Load Pure Vinylester



0603526



400ml Pure Epoxy Resin

Injection Resins are used for fixing in awkward materials or where access may be difficult.

Polyester Resin is a general purpose, fixing resin.

Epoxy Acrylate is for improved performance in concrete, damp or corrosive conditions.

Pure Resin can be used in damp or even wet conditions.

WRAS approved for potable water applications.

Arctic and Tropical resins available.