

CHEMICAL ANCHORS - Injection Resins

Code	Content	Cartridge Description	Qty Per Box	Weight Kg Per Cartridge	Price £ Per Item
0868PR380	380ml	Polyester Resin with 1 mixer nozzle	12	0.76	15.28
0868PR300	300ml	Styrene Free Polyester Resin with 1 mixer nozzle	12	0.60	17.39
0868EA380	380ml	Styrene Free Epoxy Acrylate with 1 mixer nozzle	12	0.76	17.72
0868MC165	165ml	Styrene Free Polyester Resin with 1 mixer nozzle	12	0.38	12.50
0868VE380	380ml	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



Polyester Resin Range

NUMBER OF FIXINGS PER CARTRIDGE

Stud Diameter (mm)	Hole Diameter (mm)	Hole Depth (mm)	Fixings Per 380ml	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



380ml Epoxy Acrylate



380ml High-Load Pure Vinylester



400ml Pure Epoxy Resin

Technical Information Epoxy Acrylate

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	10	80	10	100	80	100	5.60	5.80	11
M10	12	90	12	130	90	130	7.70	8.90	22
M12	14	110	14	140	110	150	11.10	13.20	38
M16	20	125	18	170	130	170	17.50	23.90	95
M20	24	170	22	210	150	190	26.10	38.20	170
M24	28	210	26	240	190	240	34.90	54.70	260
M30	35	280	34	350	300	360	57.60	87.10	480

Technical Information Polyester Resin

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	10	80	10	80	60	100	4.90	5.80	6
M10	12	90	12	90	70	130	7.50	8.90	17
M12	14	110	14	110	80	150	10.60	13.20	33
M16	20	125	18	130	90	170	12.30	23.90	75
M20	24	170	22	150	110	190	19.90	38.20	120
M24	28	210	26	170	130	240	27.40	54.70	198
M30	35	280	34	350	200	360	46.50	69.30	480



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

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 portable water applications.



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Cure Times

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

(also listed on label of each resin tube)