

resimetal product characteristics chart



	101 Metal Repair Paste	201 Ceramic Repair Paste	202 Ceramic Repair Fluid	203 Super Flow Ceramic Fluid	204 Heavy Duty Ceramic	301 Resin and Hardener	302 Epoxy Repair Cement
Colour	Dark Grey	Dark Grey	Dark or Light Grey	Light Grey or Blue	Light Grey	Clear	Dark Grey
Appearance	Paste	Paste	Liquid	Liquid	Paste	Gel	Paste
Mixing Ratio (Volume)	3:1	3:1	3:1	2:1	3:1	2:1	1:1
Mixing Ratio (Weight)	5:1	5:1	8:1	5:1	4:1	N/A	1:1
Pot Life (20C)	25 mins	25 mins	25 mins	40 mins	25 mins	25 mins	25 mins
Initial Set (20C)	60 mins	60 mins	60 mins	120 mins	180 mins	120 mins	60 mins
Cure Time (20C)	2 hrs	2 hrs	6 hrs	12 hrs	8 hrs	16 hrs	16hrs
Full Cure (20C)	3 days	5 days	5 days	7 days	5 days	7 days	3 days
Solids %	100	100	100	100	100	100	100
Shelf Life	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Wet continuous	70C	70C	70C	60C	70C	150C	70C
Wet Intermittent	120C	120C	120C	90C	120C	170C	120C
Dry continuous	120C	120C	120C	90C	120C	150C	120C
Dry Intermittent	250C	200C	250C	80C	250C	170C	200C
Compressive Strength kg/cm2	1075	1089	960	735	1085	1034	298
Tensile Shear Adhesion kg/cm2	185	188	202	187	148	598	129
Flexural Strength	740	740	652	585	465	912	210
Abrasion Resistance CS17 wheel/ 1kg load	N/A	0.05ml per 1000 cycles	0.55ml per 1000 cycles	0.07ml loss per 1000 cycles	20mg loss per 1000 cycles	N/A	N/A
Rockwell Hardness R	100	100	100	75	100	100	100
Corrosion Resistance	5000 hrs	5000 hrs	5000 hrs	10,000 hrs	5000 hrs	N/A	5000 hrs