

**Abrasion, Wear & Impact Protection Products**
**Product Testing and Product Characteristics**

	201	202	203	204	205	206	209
<b>Compressive strength Tested to ASTM D 695</b>	1089kg/ cm <sup>2</sup> (15,500psi)	960kg/ cm <sup>2</sup> (13,650psi)	735kg/ cm <sup>2</sup> (10,450psi)	1089kg/ cm <sup>2</sup> (15,500psi)	983kg/ cm <sup>2</sup> (13,960psi)	983kg/ cm <sup>2</sup> (13,960psi)	N/A
<b>Corrosion Resistance Tested to ASTM B117</b>	5000 hours	5000 hours	5000 hours	5000 hours	5000 hours	5000 hours	5000 hours
<b>Flexural Strength Tested to ASTM D790</b>	703kg/cm <sup>2</sup> (10,000psi)	635kg/cm <sup>2</sup> (9,000psi)	570kg/cm <sup>2</sup> (8100psi)	240kg/cm <sup>2</sup> (3400psi)	614kg/cm <sup>2</sup> (8710psi)	544kg/cm <sup>2</sup> (7725psi)	703kg/cm <sup>2</sup> (10,000psi)
<b>Hardness Rockwell R to ASTM D785</b>	100	100	85	100	100	100	80
<b>Slump Resistance</b>	25mm	400 microns	400 microns	25mm	1000 microns	1000 microns	750 microns
<b>Tensile Shear Adhesion Tested to ASTM D1002</b>	188kg/cm <sup>2</sup> (2675psi)	202kg/cm <sup>2</sup> (2875psi)	187kg/cm <sup>2</sup> (2650psi)	148kg/cm <sup>2</sup> (2100psi)	220kg/cm <sup>2</sup> (3125psi)	204kg/cm <sup>2</sup> (2895psi)	169kg/cm <sup>2</sup> (2400psi)
<b>Abrasion Resistance Taber abrasion CS17 1000 cycles/ 1kg</b>	147mg 0.06cc	145mg 0.065cc	122mg 0.08cc	21mg 0.012cc	85mg 0.036cc	196mg 0.083cc	90mg 0.036cc
<b>Volume Capacity cc per kg</b>	406	446	657	584	425	422	1000
<b>Base density gm per cm<sup>3</sup></b>	2.70	2.65	1.67	2.10	2.55	2.56	1.31
<b>Activator density gm per cm<sup>3</sup></b>	1.70	1.00	1.05	1.40	0.97	1.00	1.22
<b>Mixed product density gm per cm<sup>3</sup></b>	2.46	2.24	1.52	1.96	2.35	2.37	1.29
<b>Dry heat resistance (°C)</b>	200	200	200	120	240	170	120
<b>Intermittent wet heat resistance (°C)</b>	120	120	120	120	160	150	120
<b>Immersion temperature re- sistance (°C)</b>	70	70	70	60	130	110	70
<b>Mixing ratio by volume</b>	3:1	3:1	3:1	3:1	7:1	7:1	3:1
<b>Mixing ratio by weight</b>	5:1	8:1	5:1	4:1	18:1	18:1	3.25:1

	10°C			20°C			30°C			40°C		
	Pot life	Touch dry	Immersion	Pot life	Touch dry	Immersion	Pot life	Touch dry	Immersion	Pot life	Touch dry	Immersion
<b>201</b>	60mins	4hrs	6 days	30mins	2hrs	3 days	15mins	1hrs	36hrs	7.5mins	30mins	18hrs
<b>202</b>	60mins	6hrs	4 days	30mins	3hrs	2 days	15mins	90mins	1 day	7.5mins	45mins	12hrs
<b>203</b>	60mins	12hrs	6 days	30mins	6hrs	3 days	15mins	3hrs	1.5days	7.5mins	90mins	18hrs
<b>204</b>	100mins	8hrs	8 days	50mins	4hrs	4 days	25mins	2hrs	2 days	12.5mins	1hrs	1 day
<b>205</b>	50mins	6hrs	6 days	25mins	3hrs	3 days	12.5mins	90mins	1.5 days	6mins	45mins	18hrs
<b>206</b>	50mins	6hrs	6 days	25mins	3hrs	3 days	12.5mins	90mins	1.5 days	6mins	45mins	18hrs
<b>209</b>	40mins	4hrs	4 days	20mins	2hrs	2 days	10mins	60mins	1 days	5mins	60mins	24hrs