

### Rapid Set Epoxy Gel Adhesive

#### Technical Data Sheet

<b>DESCRIPTION</b>	<p>Megapoxy PF Gel is a structural rapid set epoxy adhesive which sets in five minutes and attains more than half its ultimate strength within 15 minutes of mixing.</p> <p>Megapoxy PF Gel “hardens-as-you-hold-it” for immediate on the spot emergency repairs to timber, natural stone, fibreglass, concrete structures etc.</p> <p>Megapoxy PF Gel is also widely used for natural stone and timber laminations.</p>																														
<b>PROPERTIES</b>	<table><tr><td>Mixing Ratio</td><td>1 Parts A to 1 Part B by Volume</td></tr><tr><td>Working Time</td><td>3 minutes at 25°C</td></tr><tr><td>Minimum Cure Time at 15°C</td><td>2 hours</td></tr><tr><td>Minimum Cure Time at 25°C</td><td>1 hour</td></tr><tr><td>Minimum Cure Time at 35°</td><td>30 minutes</td></tr><tr><td>Minimum Application Temperature</td><td>10°C</td></tr><tr><td>Colour Part A</td><td>White</td></tr><tr><td>Colour Part B</td><td>Clear to Pale Amber</td></tr><tr><td>Appearance Mixed</td><td>Light Yellow to Yellow</td></tr><tr><td>Viscosity Part A</td><td>1.8-2.5 gram/second</td></tr><tr><td>Viscosity Part B</td><td>0.2-0.3gram/second</td></tr><tr><td>Specific gravity Part A</td><td>1.05 - 1.15</td></tr><tr><td>Specific gravity Part B</td><td>1.0 - 1.2</td></tr><tr><td>Specific gravity Mixed</td><td>1.1 (calculated)</td></tr><tr><td>Hardness - Shore D - ASTM D2240-00</td><td>70 minimum</td></tr></table>	Mixing Ratio	1 Parts A to 1 Part B by Volume	Working Time	3 minutes at 25°C	Minimum Cure Time at 15°C	2 hours	Minimum Cure Time at 25°C	1 hour	Minimum Cure Time at 35°	30 minutes	Minimum Application Temperature	10°C	Colour Part A	White	Colour Part B	Clear to Pale Amber	Appearance Mixed	Light Yellow to Yellow	Viscosity Part A	1.8-2.5 gram/second	Viscosity Part B	0.2-0.3gram/second	Specific gravity Part A	1.05 - 1.15	Specific gravity Part B	1.0 - 1.2	Specific gravity Mixed	1.1 (calculated)	Hardness - Shore D - ASTM D2240-00	70 minimum
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<b>AVAILABILITY</b>	<p>MEGAPOXY PF GEL is available in 4 litre kits.</p> <p>In each kit part “A” and part “B”, are pre-metered in correct mixing ratio for immediate use.</p>																														
<b>CLEANING</b>	<p>To keep mixing implements and working tools clean use Megapoxy Thinners. Use disposable rubber gloves to protect hands and maintain proper industrial hygiene.</p>																														
<b>TECHNICAL SERVICE</b>	<p>All purchasers of Megapoxy products are invited to avail themselves of our technical service on epoxy resins. The methods and systems outlined in this bulletin are the best available at the present time, however continual research and development is being carried out and could result in change without prior notice.</p>																														