

Technical Data Sheet

DESCRIPTION	<p>Megapoxy 132 Flexible is a two component solventless epoxy resin. Megapoxy 132 Flexible does not require priming on clean & dry, prepared surfaces. Consult our technical department for our Methods of Surface Preparation manual. As with all joints the use of backing rods and bond breaker tapes is recommended when using Megapoxy 132 Flexible. Megapoxy 132 Flexible is designed for control construction joints & high impact applications uncluding:</p> <ul style="list-style-type: none">• Sealing construction joints• Factory floors• Parking Structures• Warehouse floors• Ramps & driveways• Joints in decks etc.	
PROPERTIES	Mixing Ratio	2 Parts A to 1 Part B
	Working Time	30 minutes at 25°C
	Minimum Cure Time at 15°C	48 hours
	Minimum Cure Time at 25°C	24 hours
	Minimum Cure Time at 35°	12 minutes
	Minimum Application Temperature	10°C
	Maximum Operating Temperature	80°C
	Colour Part A	Clear or Grey
	Colour Part B	Clear
	Appearance Mixed	Clear or Grey
	Viscosity Part A at 25°C	2000-13000 cps
	Viscosity Part B at 25°C	130-160 cps
	Viscosity Mixed at 25°C	5000 cps
	Specific gravity Part A	1.08-1.12
	Specific gravity Part B	0.97-0.99
	Specific gravity Mixed at 25°C	1.06
	Hardness - Shore D - ASTM D2240-00	60 minimum
	Movement Tolerance	4%

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CURED PROPERTIES	Compressive Strength	60MPa
	Bond Strength Concrete - ASTM D4541	>3Mpa
	Tensile Bond Strength Steel - ASTM D897	20Mpa
	Modulus of Elasticity - ASTM D695	2.4Gpa
	Flexural Strength - ASTM D790	35Mpa
	Tensile Strength - ASTM D638	30Mpa
	Tensile Shear Strength - ASTM D1002	13Mpa
	Hardness - Shore D - ASTM D2240-00	80 minimum - 90 maximum
	Dielectric Strength 50Hz @25°C(Kv/mm)	17
CLEANING	To keep mixing implements and working tools clean, use Megapoxy Thinners. Use disposable rubber gloves to protect hands and maintain proper industrial hygiene. For further details refer to the Megapoxy 132 Safety Data Sheet.	
PACKAGING	Megapoxy 132 Flexible is available in a 15lt kits. Product should be stored in cool dry store.	
TECHNICAL SERVICE	All purchasers of Megapoxy Products, are encouraged to avail themselves of our Technical Service for our Megapoxy Products. The information in this Bulletin is correct at time of publication, however continual research and development is being carried out and specs may change without notice. Use this Bulletin in conjunction with Megapoxy H & 132 Technical Bulletins, which contains other important information on filler loading. However the use of rubber particles instead of silica sand is recommended for greater flexibility.	