

Epoxy Locking Compound

Technical Data Sheet

DESCRIPTION	<p>Megapoxy W-LC is suitable for use in locking the inner and outer eccentric bushings in Symons® Cone Crushers & various other crushing machinery.</p> <p>Megapoxy W-LC is a two component easy to use high strength epoxy resin and once fully cured is high impact structural casting system.</p> <p>Megapoxy W-LC is packaged in ready to use 1.5 litre kits and are measured in the correct mix ratio for immediate use.</p>	
PROPERTIES	Mixing Ratio	2 Part A to 1 Part B by volume
	Work Time at 25°C	15 minutes
	Minimum Application Temperature	10°C
	Maximum Operating Temperature	80°C
	Minimum Cure at 25°C	12 hours
	Full Cure at 25°C	24 hours
	Colour Part A	Clear
	Colour Part B	Clear – Amber
	Appearance Mixed	Amber
	Viscosity Part A at 25°C	1500 cps
	Viscosity Part B at 25°C	800 cps
	Viscosity Mixed at 25°C	950 cps
	Specific Gravity Part A at 25°C	1.12
	Specific Gravity Part B at 25°C	1.2
	Specific Gravity Mixed at 25°C	1.14
	Hardness - Shore D - ASTM D2240-00	80 minimum
CURED PROPERTIES	Compressive Strength	80Mpa
	Tensile Strength	35Mpa
	Tensile Bond Strength (Steel to Steel)	20Mpa
	Hardness - Shore D - ASTM D2240-00	80 minimum
ADVANTAGES	Simple 2:1 mix ratio	Nil VOC
	Pre-Metered kit	High impact resistance
	Does not shrink	Very high strength permanent bonds

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SURFACE PREPARATION	Metal Surfaces Metals should be grit blasted to AS CK 9.4 - 1964 Class 3 finish. If this is not possible, mechanically abrade the surface to a clean, bright metal surface. Once this abrasion is complete, degrease the surface by flooding with an industrial grade degreaser. Wire brushing is not entirely satisfactory and gives minimal adhesion only.
AVAILABILITY	Megapoxy W-LC is available in 1.5 litre kits. In each kit Part A and Part B, are pre-metered in correct mixing ratio for immediate use.
CLEANING	To keep mixing implements and working tools clean use Megapoxy Thinners. Use disposable rubber gloves to protect hands and maintain proper industrial hygiene.
TECHNICAL SERVICE	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.