

MEGAPOXY HX

SOLVENT FREE AND HYDROPHILIC EPOXY RESIN WITH EXTRA LOW VISCOSITY

DESCRIPTION

Recent advances in epoxy resin technology enabled the development of very low viscosity 100% reactive epoxy resin system for repair of cracked concrete by gravity penetration or low pressure injection. Megapoxy HX is also suitable for impregnation of porous substrates such as masonry and timber. Megapoxy HX has also been used successfully as a low viscosity laminating resin for fibreglass work.

CURED PROPERTIES

| | |
|-------------------------------|-------|
| Ultimate Compressive Strength | 95MPa |
| Ultimate Flexural Strength | 35MPa |

INSTRUCTIONS FOR USE

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|---------------------------|--------------------|
| Mixing Ratio by Volume | : Part A - 3 Parts |
| | : Part B - 1 Part |
| Pot Life (1 litre mix) | 30 minutes at 25°C |
| Initiated Mixed Viscosity | 300cps at 25°C |
| Working Time | 45 minutes at 25°C |
| Full Cure | 72 hours at 25°C |

Megapoxy HX should be used in manner similar to Megapoxy H Multi Purpose Hydrophilic Resin where extra low viscosity is required. The cured properties of Megapoxy HX are very similar to those of Megapoxy H and mixing and working recommendations for Megapoxy H apply to Megapoxy HX.

AVAILABILITY

Megapoxy HX is available in 4 litre and 20 litre kits. In each kit Part "A" and Part "B" are pre measured in the correct mixing ratio for immediate use.

CLEANING UP

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 Bulletin No. 100.

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.

