



EPOXY INJECTION

MEGABOND™ 6LV

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Megabond™ 6LV is a two-component, solventless, low viscosity liquid adhesive for pressure injection grouting of cracked cement concrete.

INTENDED USES

Used for sealing cracks and filling the voids in concrete structure, grouting base plates, and to secure anchor bolt rebar and dowels into concrete

PRODUCT INFORMATION

Color	6LV A - Clear
Finish/Sheen	Glossy (ISO 2813:1978)
Part B (Curing Agent)	6LV B Amber
Volume Solids	97.5+/- 2.5% (ISO 3233:1998)
Mix Ratio	2:1
Typical Film Thickness	Depends on crack thickness
Theoretical Coverage	
Method of Application	Pressure Injection Equipment
Flash Point	Part A : 177 °C Part B: 221 °C Mixed: 199 °C
Induction Period	15 minutes

APPLICATION DETAILS

Mixing	Material is supplied in two pack containers Part A & Part B. Always mix a complete unit of the supplied proportions using a power agitator
Cleaner	GTA 220
Airless Spray	Not recommended
Conventional Spray	Recommended
Brush/Roller	Recommended

DRYING INFORMATION

	28°C	32°C
Initial Gel Time	4 hours	3 hours 20 minutes
Dry Hard	24 hours	20 hours
Pot Life	1 hour 20 minutes	1 hour



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SYSTEMS AND COMPATIBILITY

Not applicable

STORAGE AND HANDLING

Storage

The product can be stored in sealed containers at 28 °C for a minimum of one year. Store in dry, shaded conditions, and away from sources of heat and ignition.

Pack Size

1 gallon kit

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. High pressure freshwater wash, as appropriate, and remove all oil or grease, soluble contaminants, and other detrimental foreign matter. Apply temporary seal on the surface providing injection ports.

LIMITATIONS

Do not thin this epoxy product with solvents. The resin and hardener should be mixed at temperature range between 4.4°C and 37.8°C (40°F and 100°F). Temperatures below this range would prolong curing time and may have adverse effects on the adhesion of the epoxy paint. While temperatures higher than this range may shorten the pot life and make the application difficult. Do not use direct heat on this product.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes use proper equipment when handling material (i.e. gloves, goggles, face mask, barrier creams, etc.) Wash affected skin with lukewarm water and soap or suitable industrial cleaner. If come contact with eyes, flush eyes with water for at least 10 minutes and seek for immediate medical attention.

Important Note

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