

# MEGAPOXY Crusher Backing

CME supplies Megapoxy crusher backing;  
a liquid epoxy grout for:

- Backing crusher parts
- Grouting machinery
- Locking bearings
- Setting anchor points
- Chocking of machinery



Crushing & Mining Equipment

Megapoxy Standard  
Megapoxy Easypour  
Megapoxy Accelerator  
Megapoxy Low Shrinkage  
Megapoxy Bush Lock



# MEGAPOXY Crusher Backing

## VARIETIES AVAILABLE

### 1. **MEGAPOXY** Standard (High Impact Crusher Backing - HICB)

Megapoxy Standard has high tensile and compressive strengths and curing times, which can approach six hours when combined with Megapoxy Accelerator.

### 2. **MEGAPOXY** Easypour (Runny Mix)

In hot climates, some products can harden before filling liner cavities properly, leading to voids and potential liner failures. Megapoxy Easypour has a lower viscosity allowing faster cavity filling.

### 3. **MEGAPOXY** Accelerator

Megapoxy Accelerator decreases curing times dramatically to minimise downtime.

### 4. **MEGAPOXY** Low Shrinkage (57)

For large cavities, Megapoxy Low Shrinkage offers a lower shrinkage ratio to decrease cracking.

### 5. **MEGAPOXY** Bush Lock (W)

Megapoxy Bush Lock for bush locking applications.

## KIT PROCESSING DATA

	Standard	Runny Mix	Accelerator
Kit size	9.1 kg Part 'A' 0.9 kg Part 'B'	9.1 kg Part 'A' 0.9 kg Part 'B'	-
Volume total	6.25 Litres	6.25 Litres	-

## CURED PROPERTIES

Tensile strength	40 - 45 Mpa	40 - 45 Mpa	-
Tensile shear strength	11 - 13 Mpa	11 - 13 Mpa	-
Comprehensive strength	105 - 120 Mpa	105 - 120 Mpa	-

## TIME CHART

		(Added to Standard)		
Work time (10 kg mix)	at 25°C	30 minutes	30 minutes	10 minutes
	at 15°C	60 minutes	60 minutes	20 minutes
Setting time	at 25°C	6 hours	6 hours	2 hours
	at 15°C	12 hours	12 hours	4 hours
Cure time	at 25°C	24 hours	24 hours	6 hours
	at 15°C	48 hours	48 hours	12 hours

## PACKAGING

- Part 'A' is a white low viscosity liquid and is packed in a re-sealable plastic bucket.
- Part 'B' is a blue coloured liquid and is packed in a screw capped plastic bottle.
- Accelerator is a clear brown liquid and is packed in a 250ml tin.

## MEGAPOXY STANDARD



## DIRECTIONS FOR USE

1. Seal all crevices with putty so that the backing mixture does not leak out.
2. Ensure no settling has occurred in the resin by stirring, then add the hardener (Part B) slowly with continual mixing.
3. Using low speed electric drill, mix well, but do not aerate.
4. Mix until uniform colour is obtained.
5. The mixture must be used immediately after mixing.
6. If ambient temperature is high, the kits should be stored in as cool a place as possible. High ambients will lead to greatly shortened usable life.
7. If topping up is required, this can be carried out at a later date when it is convenient.
8. If adhesion is not required, one or both surfaces should be coated with a wax or grease based release agent.
9. Allow **MEGAPOXY** Standard (HICB) to harden before returning crusher into service.

## SAFETY WARNING

Safety precautions must be observed:

- Wear goggles to protect eyes
  - Wear rubber gloves to protect hands
  - If spilt on skin, remove any contaminated clothing, swab repeatedly with glycerline, polyethylene, glycol or methylated spirits.
- If accidental spillage affects eyes, wash with copious amounts of water for at least 15 minutes and obtain medical assistance.





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## ARE YOU WILLING TO RISK CRUSHER DAMAGE?

Poor quality crusher backing can fail to cure properly, resulting in potentially serious crusher damage through crusher liners failing or coming loose.

## 100% EPOXY FOR MAXIMUM RELIABILITY

Megapoxy contains no fillers, so you know you are getting what you pay for - 100% epoxy and nothing else.

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## OPTIMISED SUPPLY CHAIN

Our high turnover, product life monitoring and careful storage procedures ensure that Megapoxy always leaves CME in its optimal condition.

Backing that has been stored incorrectly or is past its use-by-date can fail to cure properly, leading to liners breaking, coming loose and causing expensive machine damage.

**Call CME today!**