

MEGAPOXY HIGH IMPACT CRUSHER BACKING – LOW VISCOSITY

Megapoxy High Impact Crusher Backing is a two component pourable epoxy grout for :

Backing Crusher Parts
Grouting Machinery
Locking Bearings
Setting Anchor Bolts
Chocking of Machinery

Part "A" is a yellow 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 250 ml. tin.

METHOD OF USE

- 1 Seal all crevices with putty (such as Megapoxy PF Rapid set putty) so that backing mixture does not leak out.
- 2 Make certain 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 ambient temperatures will lead to greatly shortened usable life.
- 7 If topping up is required, then 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 wax or grease based release agent.
- 9 Allow Megapoxy HICB to harden before returning crusher into service.



CAUTION: Safety precautions must be observed in its use :

- 1 : Wear goggles to protect eyes
- 2 : Wear rubber gloves to protect hands.

If spilt on skin, remove any contaminated clothing, swab repeatedly with glycerine or polyethylene glycol or methylated spirits.

Apply moisturising cream to washed area of contact. White stain may appear on skin at point of contact, but is not harmful and will disappear in a day or so. If accidental spillage affect eyes, wash with copious amounts of water for at least 15 minutes and obtain medical assistance.

	No Accelerator	Accelerator Added
Work Time (6 litre mix)	: at 25°C 30 minutes	10 minutes
Setting Time	: at 15°C 60 minutes	20 minutes
	: at 25°C 6 hours	2 hours
Cure Time	: at 15°C 12 hours	4 hours
	: at 25°C 24 hours	6 hours
	: at 15°C 48 hours	12 hours

Maximum Casting Thickness : 50 mm

Megapoxy High Impact Crusher Backing is available in 6 litre packs. All components are premetered in correct proportions for immediate use. Megapoxy PF is available in 4 litre kits.

PRODUCT SPECIFICATION

	<u>Part "A"</u>	<u>Part "B"</u>
Colour	Yellow coloured	Blue
Viscosity cps at 25°C	4,000 - 6,000	1000 - 2000
Specific Gravity	1.70	1.0
Flash Point	above 100°C	above 100°C
Shelf Life	2 years min.	2 years min.

KIT PROCESSING DATA

Kit size	5.3 litres Part "A"
	0.9 Litre Part "B"
Volume Total	6.2 Litres

CURED PROPERTIES

Tensile Strength	40 – 45 Mpa
Tensile Shear Strength	11 – 13 Mpa
Compressive Strength	105 – 120 Mpa

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.