

### MEGAPOXY 84

#### TWO COMPONENT EPOXY PASTE ADHESIVE FOR CERAMIC TILE LININGS

<b>DESCRIPTION</b>	Megapoxy 84 is a two component epoxy paste adhesive suitable for fixing high alumina ceramic tile linings to steel or concrete for applications where elevated temperatures will be encountered.	
<b>APPEARANCE</b>	Part "A"	White Paste
	Part "B"	Blue Liquid
<b>MIXING PROPORTIONS</b>	4 Parts "A" to 1 Part "B" by volume	
	100 grams Part "A" to 22.7 grams Part "B" by weight	
	Mixed colour	Pale Blue
	Working Time	30 minutes at 25°C
	Typical Cure	72 hours at 25°C
<b>CURED PROPERTIES</b>	Ultimate compressive strength	: 120 MPa
	Ultimate Flexural strength:	: 55 MPa
	RECOMMENDED SERVICE TEMPERATURE:	: 120°C
<b>APPLICATION</b>	Steel should be cleaned to "white metal" finish by grinding or grit blasting. Concrete should be scabbled back or grit blasted to expose firmly held aggregate. The surface of tiles to be bonded must be clean and grease free.	
<b>MIXING</b>	To avoid errors in measuring Megapoxy 84, it is advisable to mix the whole kit at one time. Combine the entire contents of part "B" into part "A" and mix thoroughly using a putty knife or spatula. To ensure thorough mixing of the two components scrape both the sides and bottom of the mixing container for a minimum of 3 minutes. (Note: When adding the Part "B" it must be mixed in slowly so that splashing does not occur).	
<b>APPLICATION</b>	Apply the mixed Megapoxy 84 to the steel or concrete surface at a rate of approximately 1.25 litres per m <sup>2</sup> and spread with notched trowel. Place high alumina ceramic tile onto the bed of Megapoxy 84 and press to ensure full even contact of the tile surface.	
	Megapoxy 84 can be cleaned up using Megapoxy Thinners and warm soapy water to achieve a tidy uniform application. Megapoxy 84 will set after approximately 4 hours @25°C. Initially the product tends to be a little brittle at first, but develops toughness after 48 hours. Avoid exposure to elevated temperatures during this period. After 72 hours the tiled surface can be subjected to service at 120°C maximum continuous exposure	
<b>PACKAGING</b>	Megapoxy 84 is available in 2.5 litre kits. Each kit is pre-measured ready for immediate use and can be mixed in the container provided. Larger kit sizes are available on request.	
<b>SAFETY INFORMATION</b>	Please refer to our material safety data sheet (MSDS) for full occupational health and safety practices.	

