

Single Coat Sealer For Porous Epoxy Coving

Technical Data Sheet

DESCRIPTION	<p>Megapoxy GlazeCoat is a, 100% solids, resin based, solvent-free, gel resin, that has been designed as a single coat sealer for porous epoxy coving.</p> <p>Megapoxy GlazeCoat has a suitable work-time to allow for the complete kit to be mixed and applied.</p> <p>Megapoxy GlazeCoat is volatile organic compounds free (Nil V.O.C.)</p>	
RECOMMENDED APPLICATIONS	<ul style="list-style-type: none">• Sealing Sand Epoxy Grouts• Sealing Epoxy Sand Coving• Sealing Porous Epoxy Sand Screeds• Sealing Porous Substrates	
PROPERTIES	Mixing Ratio	2.5 Parts A to 1 Part B
	Working Time	30 minutes at 25°C
	Minimum Cure Time at 15°C	48 hours
	Minimum Cure Time at 25°C	24 hours
	Minimum Cure Time at 35°	12 hours
	Minimum Application Temperature	10°C
	Viscosity Part A at 25°C	138000cps
	Viscosity Part B at 25°C	130-160cps
	Viscosity Mixed at 25°C	44075cps
	Specific gravity Part A	1.00-1.05
	Specific gravity Part B	0.97-0.99
	Mixed Specific gravity	1.03
	Colour Part A	Opaque White
	Colour Part B	Clear
	Colour Mixed	Opaque White
CURED PROPERTIES	Compressive Strength - ASTM 695	70Mpa
	Bond Strength Concrete - ASTM 454	>3Mpa
	Modulus of Elasticity - ASTM 695	Gpa
	Flexural Strength - ASTM D695-96	Mpa
	Tensile Strength	Mpa
	Hardness - Barcol 935	65 Minimum

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CHARACTERISTICS	<ul style="list-style-type: none">• VOC Free• Thick consistency• Seals porous surfaces in 1 coat• Mixes easily by hand• Very high strength permanent bonds• Excellent tensile and compressive strengths, superior to concrete• Excellent chemical resistance
SURFACE PREPERATION	<p><u>Concrete</u></p> <p>Concrete should be free from grease and oil. If necessary, clean with industrial heavy duty degreaser. When clean, remove surface laitance. This is best done by mechanical abrasion such as scabbling, grit blasting or grinding. If this is not possible acid etching must be carried out. Mix concentrated hydrochloric acid with equal volume of water and spread at the rate of 0.5 litre per square meter of concrete surface. Allow to react for about 10 minutes and wash the area thoroughly and scrub with a stiff bristled broom to remove loose sand. Allow to dry for 24 hours. For maximum adhesion the concrete should be surface dry.</p> <p><u>Epoxy & Sand Coving and Screeds</u></p> <p>Surface should be dry and damage free, all loose sand should be swept or over vacuumed from the surface.</p> <p><u>Coated Surfaces</u></p> <p>It is recommend to remove all coatings prior to bonding, bonding to coated surfaces will give inferior bond strengths compared to bonding directly to a prepared substrate.</p> <p><u>Concrete:</u></p> <p>The surface may be either flame-cleaned, or mechanically treated with a scutching tool, to remove all traces of paint. Complete the preparation by diamond grinding or scabbling.</p> <p><u>Epoxy Coatings:</u></p> <p>Steps should be taken to remove all previous epoxy sealers and coatings, surface should be roughened, cleaned, making sure the surface is dust free.</p>
IMPORTANT INFORMATION	<p>It is essential that the correct mixing ratio be used and that the Part A and Part B are thoroughly mixed together before use. Inaccuracies and poor mixing will result in lower physical properties of the cured system and, if the error is sufficiently large, the system may not cure satisfactorily and discolour on ageing.</p>
CLEANING	<p>To keep mixing implements and working tools clean, use Megapoxy Thinners.</p> <p>Use disposable rubber gloves to protect hands and maintain proper industrial hygiene.</p> <p>For further details refer to the Megapoxy GlazeCoat Safety Data Sheet.</p>
PACKAGING	<p>Megapoxy GlazeCoat is available in a 14lt kits.</p> <p>Product should be stored in cool dry store.</p>
TECHNICAL SERVICE	<p>All purchasers of Megapoxy Products, are encouraged to avail themselves of our Technical Service for our Megapoxy Products. The information in this Bulletin is correct at time of publication, however continual research and development is being carried out and specs may change without notice.</p>