

Self-levelling epoxy flooring

Summary	<p>Megapoxy 259 is a two component solventless 100% solids epoxy resin for seamless flooring systems. Megapoxy 259 is pre pigmented to any Australian standard colour. Megapoxy 259 should be mixed with fine epoxy quality sand grade 50N to provide an economical, high performance, chemical resistant floor in decorative colours. Megapoxy 259 is usually applied between 2-3 mm per square metre.</p> <p>Megapoxy 259 is recommended for packaging and processing areas, pharmaceutical, kitchens, warehouses, hospitals, laboratories and mechanical work shops.</p>
Typical cured properties	<p>Maximum operating temperature: 100°C</p> <p>Tensile Strength: 30 MPa</p> <p>Tensile Shear Strength, steel/steel: 13 MPa</p> <p>Compressive Strength: 75 MPa</p> <p>Flexural Strength: 25 MPa</p> <p>Adhesion to concrete: 2.7 MPa, concrete fails</p>
Megapoxy 259 flooring for food and processing plants.	<p>Megapoxy 259 based floor toppings are odourless and will not taint foodstuffs. Megapoxy 259 is free from any suspected or potential carcinogens or mutagens. Megapoxy 259 conforms to the requirements of the Department of Primary Industries for coatings and floorings used in food processing establishments such as abattoirs for export purpose.</p>
Advantages	<ul style="list-style-type: none">• Low viscosity, which permits relatively high filler loadings for economy and assists application at low temperatures.• Excellent curing, even at low temperatures and high humidity.• Colour stability, which makes possible production of pale coloured floorings.• Flexibility, which affords excellent impact resistance.
Preparation	<p>Concrete should be dry, free from grease and oil. If necessary, clean with industrial heavy duty degreaser. When clean, remove surface laitance, curing oils and coatings. This is best done by mechanical abrasion such as scabbling, grit blasting or grinding.</p>
Priming	<p>Prime prepared concrete surface with Megapoxy 132 at the rate of 0.2 litre per square metre. Rough surfaces need to be levelled first. Megapoxy 132 is a low viscosity resin that can be mixed with selected fillers, epoxy quality sand to provide a levelling filler for badly spalled concrete surfaces.</p>

Application	Megapoxy 259 is packaged in 10.3 litre kits which after the addition of upto 10 kg of fine epoxy quality sand grade 50N the yield is approximately 6 square metres of 3 mm thick flooring. Spread evenly with a knotted trowel followed by rolling with spiked roller in two directions to ensure even thickness.
Cleaning	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 Megapoxy 259 material safety data sheets, MSDS.
Availability	Megapoxy 259 is available in 10.3 litre kits. In each kit Part "A" and Part "B" are measured in correct mixing ratio for immediate use. Megapoxy 259 is not a stock item. Please inform us of your intended quantity and colour. Epoxy Quality Sand grade 50N is available in 20 kg bags.
Technical service	All purchasers of Megapoxy products are invited to avail themselves of our technical service on epoxy resins. The methods and systems outlined in this bulletin are the best available at the time of printing. However continual research and development is being carried out and could result in change without prior notice.

Please do not hesitate to contact us, for any additional information.