

Rapid Set Epoxy Adhesive

Technical Data Sheet

DESCRIPTION	<p>Megapoxy 36 DuoMix is a two component epoxy resin system for bonding parking sensors, ceramic and plastic reflective markers to bituminous and concrete surfaces.</p> <p>Megapoxy 36 DuoMix is available in a rapid setting formulation that is dispensed from a twin cartridge system through a self mixing nozzle that is ready for immediate use.</p>																															
RECOMMENDED APPLICATIONS	<ul style="list-style-type: none">• Reflective Road Markers• Ceramic Road Markers• LED Road Markers• Concrete Road Markers• Concrete Carpark Stops• Parking Sensors• Delineator Signage																															
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CHARACTERISTICS	<ul style="list-style-type: none"> • VOC Free • Rapid Setting • Cartridge System • Self Mixing Nozzle • Excellent Impact Resistance • Excellent Adhesion to Bitumen and Concrete surfaces • Excellent chemical resistance
SURFACE PREPARATION	<p>Concrete</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.</p> <p>Bitumen</p> <p>Bitumen should be degreased and/or solvent washed to remove road grime, oils and grease. Mechanically roughening the surface to bond to will also aid in better adhesion. .</p> <p>Metal Surfaces</p> <p>Metals should be grit blasted to AS CK 9.4 - 1964 Class 3 finish. If this is not possible, mechanically abrade the surface to a clean, bright metal surface. Once this abrasion is complete, degrease the surface by flooding with an industrial grade degreaser. Wire brushing is not entirely satisfactory and gives minimal adhesion only.</p> <p>Coated Surfaces</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>Concrete:</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>Metals:</p> <p>Steps should be taken to remove all paint and/or galvanizing. Good quality paint stripper should be used, followed by grit blasting or grinding to a bright metal finish.</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. When using the self mixing nozzle, the Megapoxy 36 RMA should be one colour when being applied. 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. Use disposable rubber gloves to protect hands and maintain proper industrial hygiene. For further details refer to the Megapoxy 36 DuoMix.</p>
PACKAGING	<p>Megapoxy 36 DuoMix is available in 600ml Twin Pack Cartridge, supplied with 1 static mixing nozzle. Extra Static Mixing Nozzles are also available to purchase separately. Product should be stored in cool dry place</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>