

# Megapoxy HELLAS<sup>®</sup>

## Technical Bulletin

### MEGAPOXY 69

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### High strength impact resistant epoxy adhesive



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<b>Summary</b>	<p>MEGAPOXY 69 is a clear non-sag gel type epoxy structural adhesive for bonding metals to metals, metals to concrete and masonry, assembly of granite and marble fabrications, and many other civil engineering applications requiring superior bond strengths.</p> <p>MEGAPOXY 69 is also ideal for structural timber joinery and applications in the marine environment. It retains its high strength after repeated high impact forces.</p>
<b>Properties cured</b>	<p><b>Tensile Strength:</b> 30 MPa <b>Compressive Strength:</b> 70 MPa <b>Shear Strength:</b> 15 MPa <b>Coefficient of Linear Expansion:</b> <math>60 \times 10^{-6} \text{ mm}^\circ\text{C}</math></p>
<b>Availability</b>	<p>MEGAPOXY 69 is available in 1, 4 and 20 litre kits. The content of each component of the kit is pre measured in correct mixing ratio. MEGAPOXY 69 is also available in liquid form and rapid set versions.</p>
<b>Instructions for use</b>	<p><b>Mixing ratio by volume</b></p> <ul style="list-style-type: none"><li>- Part A: 1 part</li><li>- Part B: 1 part</li></ul> <p><b>Working time:</b> 45 minutes at 25°C</p> <p><b>Curing time</b></p> <ul style="list-style-type: none"><li>- 48 hours at 15°C</li><li>- 24 hours at 25°C</li><li>- 12 hours at 35°C</li></ul> <p><b>Minimum application temperature:</b> 10°C</p>
<b>Surface preparation</b>	<p>Surfaces to be bonded must be clean and free from dust and oil. For detailed instructions on preparation of surfaces for bonding refer to Bulletin "Application Guide for Civil Engineers".</p>
<b>Technical service</b>	<p>All purchasers of Megapoxy products are invited to avail themselves of our technical service on epoxy base materials. The methods and systems outlined in this bulletin are the best available at the present time, however continual research and development is being carried out and could result in change without prior notice.</p>

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