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TECHNICAL DATA SHEET

PRODUCT GROUP: SYNAPOL 6000 HIGH STRENGTH EPOXY ADHESIVE

PRODUCT CODE: Epoxy 6000

PRODUCT INFORMATION: Synapol 6000 is a high strength, high impact resistant adhesive epoxy gel. The mixed product is a clear amber with both excellent spreading and non-sagging capacity.

APPLICATIONS: Synapol 6000 is a structural adhesive suitable for bonding finished timber, metals, masonry, and fibreglass. Synapol 6000 will take around 7 days to fully cure. At least 24 hours should be allowed before working on bonded products. This full cure time will be reduced if post curing of items is initiated.

Synapol 6000 has very high impact resistance after repeated loading and is extremely suitable as wood glue. Wood should be prepared properly. NB: Glossy hardwood, long grain timber surfaces created from very fine planing can be difficult to bond to, due to the closed off impervious slippery surface of the timber face.

SURFACE PREPARATION:

All surfaces to be bonded must be clean and free of oil or detergent film. All surfaces must be dry. The most preferred surfaces have been sanded or have open porous faces to enhance mechanical structural cross-linking adhesion.

PRODUCT PROPERTIES:

Mixing Ratio	1 part A resin to 1 part B hardener
Working Time	45 minutes @ 20°C
Minimum Cure Time	24 hours @ 25°C
Full Cure Time	5 Days @ 25°C

TYPICAL CURED PROPERTIES:

Tensile Strength	30 MPa
Compressive Strength	70 MPa
Tensile Shear Strength	15 MPa

HAZARD CLASSIFICATION:

Chemical Composition:	Amber and white translucent gels. The hardener having a slight odour of ammonia.
Class:	N/A
Label:	S5 Poison
Pack Code:	Free
UN Number:	Free
Hazchem Code:	N/A

WARRANTY:

Fiberglass (A/Asia) Sales Pty. Ltd. warrants that this product conforms to the product description contained herein. No other guarantee or warranty is expressed or implied, including warranties of merchantability or fitness for a particular purpose. Fiberglass (A/Asia) Sales Pty. Ltd. shall not be liable for incidental, consequential, or other damages resulting from user negligence, breach of warranty, or any other theory arising out of the use or handling of this product.

End users are at all times encouraged to first conduct their own tests on the product to verify its suitability for their intended use.