



TRIMOL 34 TIMBER CONSOLIDANT

DESCRIPTION. TRIMOL 34 is a two component low viscosity epoxy resin system. The resin is of light golden colour which is mixed in the ratio 100 parts by weight (p.b.w.) with 20 p.b.w. of the hardener, an almost colourless liquid, to provide a cold or warm setting consolidant for wood.

CHARACTERISTICS. TRIMOL 34 mixtures are low enough in viscosity to consolidate friable, worm infested or tack damaged furniture and so provide a firm base upon which to carry out further restoration operations. The application may be likened to the replacement of missing natural resins by this addition of thermosetting synthetic resin.

APPLICATIONS. TRIMOL 34 timber consolidant is an extremely useful workshop product for limited consolidation of medium to badly infested, rotten or tack-damaged timber furniture or other artefacts and may be used in conjunction with TRIMOL 54 epoxy wood to re-make surfaces and even intricate profiles.

MECHANICAL PROPERTIES

CONSOLIDANT/CRACK INJECTION SYSTEM

Tensile strength ISO/R.527	MPa	52
Tensile modulus ISO/R.527	GPa	3.6
Elongation at break ISO/R.527	%	1.6
Flexural strength* ISO/R.178	MPa	65
Flexural modulus ISO 178	GPa	3.7
Compressive strength* ISO 604	MPa	120
Coefficient of expansion ASTM D696	Linear/°C.	-

* Tested to BS 6319. Systems are anticipated to give values 10 to 15% higher than the quoted figures.

CAUTION. TRIMOL 34 Resin and Hardener are generally harmless providing that the normal common-sense precautions taken when handling chemicals are observed. For instance neither the separate components nor the uncured mixture should be allowed to come into contact with foodstuffs or utensils. Measures should also be taken to prevent contact with the skin: wearing rubber or plastic gloves will normally suffice along with eye protection. Thoroughly cleanse the skin at the end of each working period by washing with soap and water. Disposable paper towels are recommended to dry the skin. Precautions are fully discussed in TRIMOL Product Safety Information for TRIMOL 34 Resin and Hardener, which is available upon request.

All information is based upon results gained from practical experience and testing and is believed accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie beyond our control.

The information given in this Data sheet is given in good faith and is based upon knowledge and experience of the materials used. However since the application of the product is beyond the control of Triton Chemical Manufacturing Company, the Company cannot accept responsibility for any loss or damage resulting from the use of the product outside the scope of the intended use and precautions set out in the Data sheet.

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