



Versatile Material for Repairing, Casting and Bonding

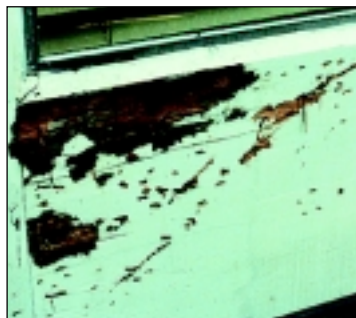
Belzona® 8111 (Mouldable Wood) comprises a fibrous wood powder and a reactive liquid. The level of addition of the fibrous wood powder to the reactive liquid can be varied to produce a mixed material of any desired consistency, from a free flowing liquid to a thixotropic paste.

Simplicity and speed in use, plus excellent mechanical strength make Belzona® 8111 (Mouldable Wood) an outstanding repair/rebuilding material for woodwork subject to impact and mechanical damage.

Outstanding adhesion to a wide range of substrates makes it an extremely versatile general purpose bonding material.

Easy pouring characteristics coupled with mechanical strength and abrasion resistance make it ideal for casting components such as industrial patterns.

Belzona® 8111 (Mouldable Wood) also possesses excellent insulation properties making it the solution to many electrical insulation problems. Additionally, it offers excellent adhesion to many surfaces, with a bond strength greater than the cohesive strength of most non-metallic substrates.



REPAIRING ROTTED TIMBER



REPAIRING PORCELAIN INSULATIONS



REBUILDING INDUSTRIAL COMPONENTS



PATTERN MAKING



REPAIRING DAMAGED FIBERGLASS



RESTORING HISTORICAL STRUCTURES

The Unconventional Alternative.

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AVAILABLE IN 2 KG. (4.4 LBS.) UNIT SIZE

Simplicity in Use

- Easily applied by spatula or simply by pouring; mix just the right amount for the job.
- Fast cure: 30 minutes from mix to full cure.
- Can be drilled, tapped and sanded; overpainted within 30 min. of application.
- Easily stained or tinted with conventional coloring materials to match most surfaces.

Safety in Use

- Cured material meets FDA extraction requirements for contact with foodstuffs.

Versatility in Application

- Apply thin or thick sections in one operation.
- Can be feather edged.

Permanency in Service

- Suitable for internal or external use.
- Impact resistance – 45 in. lb; excellent resistance to abrasion.
- Minimal shrinkage.
- Resists attack by fungus, bacteria and water – does not rot; totally impervious.
- Flexural strength (ASTM D790) 3500 psi
- Compressive strength (ASTM D695) 12000 psi

Electrical Insulation

Excellent insulation properties including:

- Dielectric strength – 10.7 Kv/mm
- Surface resistivity – 8.2×10^{14} ohms
- Volume resistivity – 2.1×10^{14} ohms-cm
- Loss tangent – 0.047
- Dielectric constant – 4.2



BS EN ISO 9002 - 1994
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