



Technical Data Sheet

Bondloc B2006 Wood Epoxy Stick

PRODUCT DESCRIPTION

B2006 is a hand-mixable, fast-setting, epoxy putty specially formulated to repair and rebuild wood quickly and easily. After mixing, it forms a polymer compound that cures to the same density as wood. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be formed and sculpted as needed before curing begins. After 60 minutes the application can be drilled, tapped, sawed, sanded, filed, painted, and stained. Suitable for interior or exterior use, it is resistant to chemicals, water, and temperature extremes. B2006 contains no solvents or VOCs. It's non-flammable and releases no noxious fumes. It won't shrink, rot or pull away. The unused portion stays fresh for future use when saved in its original package.

APPLICATIONS

B2006 can be used to repair scratches, dry rot, knot holes, gouges and cracks, stripped screw holes, carpenter bee damage. Use B2006 to reshape handles and knobs, carvings, level chair legs, restore furniture, moldings and trims, picture frames and antiques.

USEFUL HINTS/NOTES

Mixing: Twist or cut off required amount. To mix, knead with fingers to a uniform colour. If mixing is difficult, warm B2006 to room temperature or slightly above. Apply to the surface to be repaired (within 2 minutes of mixing). The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface. Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. Work the material forcefully into

the surface and apply pressure until adhesion begins to take effect. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 15-20 minutes the epoxy will harden like metal and start to form a tenacious bond. After just 45 minutes B2006 is completely cured and can be drilled, sawed, carved, sanded, stained or painted.

INSTRUCTIONS FOR USE

In order to achieve optimum adhesion, surface should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps to ensure a good bond.

TECHNICAL FEATURES

Resin	Light Brown
Chemical Resistance	Hydrocarbons, Ketones, esters, halo-carbons, alcohols, aqueous salt solutions, diute acids and bases
Electrical Resistance	30,000 mega Ohms
Dielectric Strength (Steel)	300 Volts/mil
Shrinkage	<1%
Non Volatile Content	100%
Shelf Life	24 months @ 24°C

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CURED PERFORMANCE

Initial Cure	1 hour
Full Cure Time	24 hours
Lap Shear Strength (Steel)	6.2 MPa
Shore D Hardness	65
Compressive Strength	0.9gm/cm ³

PROPERTIES

Opening Time	5 mins
Max Temp Resistance	120°C Continuous 149°C Intermittent

STORAGE

Store in cool conditions, preferably away from direct sunlight or excessive heat. Shelf life at least 24 months @ 24°C.

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS

PACKAGING FORMAT

Tubes.....50g
Clam.....50g

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