

SUPERFAST WOOD EPOXY

DESCRIPTION

Superfast Wood-Stick Epoxy Putty is a fast-setting, polymer compound that enables permanent repairs to wood. It also bonds to metals, glass, masonry, and many plastics.

Each handy stick contains pre-measured portions of activator and base throughout – no measuring or mixing tools are necessary. As the epoxy is mixed, the two contrasting colours blend into one colour to indicate complete mixing. The consistency eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins. Superfast Wood-Stick cures to a pale beige colour, and has a hardness and density similar to that of wood. Once cured, it can be tapped, drilled, sawed, filed, carved, sanded, painted or stained*.



Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Superfast Wood-Stick contains no solvents or VOC's. 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.

Superfast Wood-Stick has a work life of 15-25 minutes and cures in 1 hour.

*Superfast Wood-Stick may accept stain differently to the surrounding wood. Some types of oil-based stains may be added during the mixing step.

TECHNICAL DATA

MINIMUM SHELF LIFE (months @ 24°C.)	24
HARDNESS, SHORE D (full cure, 24 hrs.)	75
LAP SHEAR TENSILE STRENGTH (MPa)	
On Steel	6.2
On Oak	3.4
COMPRESSIVE STRENGTH (MPa)	83
DENSITY (gm/cm ³ , lb/gal)	0.9, 7.5
SHRINKAGE (%)	<1
NON-VOLATILE CONTENT (%)	100
ELECTRICAL RESISTANCE (megohms)	30,000
DIELECTRIC STRENGTH (volts/mil)	300
UPPER TEMPERATURE LIMIT	
Continuous (°C)	120
Intermittent (°C)	150
CHEMICAL RESISTANCE	
Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.	

STORAGE

Sylmasta Superfast Wood should be stored out of direct sunlight in dry frost free conditions of temperatures between 5°C and 20°C. Under such conditions shelf life will be 18 months from the date of manufacture.

PRESENTATION

Superfast Wood is supplied in a stick form wrapped in a clear release film. The stick has a nominal 22mm diameter, is available in 175mm and 75mm lengths and comes supplied in a clear plastic tube.

HEALTH & SAFETY IN USE

Superfast Wood consists of epoxy resins and hardener systems, which are currently classified as hazardous materials. Wear rubber or plastic coated gloves.

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