Product Code: SFWO

TECHNICAL DATA SHEET

SUPERFAST WOOD STICK

Description

Superfast Wood Epoxy Putty Stick is a fast-setting epoxy putty filler formulated for the permanent repair and bonding of wood. It cures to a pale beige colour and shares a hardness and density similar to wood. It fills in holes, scratches and cracks in wood and repairs wooden furniture, frames and knot holes. Superfast Wood can be carved and sculpted to hold intricate details and it does not rot, making is suitable for garden and outdoor repairs. It also bonds to metals, masonry, glass and most plastics.

Each 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.

Once cured, it can be tapped, drilled, screwed, sawed, machined, ground, filed or painted. It can also be stained. Please note, it may accept staining differently to surround wood. Some types of oil-based stains may be added during the mixing step.

Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Superfast Wood contains no solvents or VOC's. It is non-flammable and releases no noxious fumes. It will not shrink or pull away. The unused portion stays fresh for future use when saved in its original package.

Superfast Wood has a work life of approximately 15-25 minutes. Within 5-10 minutes it will harden and form a cohesive bond. After 1 hour, the system can be put back into service.

Technical Data

Minimum shelf life (months @ 24°C,) 24
Shore D hardness (full cure, 24 hrs.) 80
Lap shear tensile strength (Mpa)
On steel 4.1
Compressive strength (MPa) 83
Density (gm/cm^3, lb/gal) 2.0, 16.7
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

Superfast Wood should be stored out of direct sunlight in dry, frost free conditions of temperatures between 5°C and 24°C. Under such conditions shelf life will be 24 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 175mm in length and weighs 114g.

Health & Safety 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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