

SUPERFAST AQUA EPOXY

DESCRIPTION

Superfast Aqua-Stick Epoxy Putty is a fast-setting, fibreglass-reinforced polymer compound that enables permanent repairs to many surfaces including fibreglass, concrete, glass, metals, wood, and many plastics. It is specially formulated to adhere to surfaces exposed to damp, wet or underwater (salt or fresh) conditions.



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. Superfast Aqua-Stick contains a fading green dye and becomes white after 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, Superfast Aqua-Stick can be drilled, sawed, carved, sanded or painted.

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

Superfast Aqua-Stick has a work life of approximately 15 minutes. Within 20-30 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
HARDNESS, SHORE D (full cure, 24 hrs.)	70
LAP SHEAR TENSILE STRENGTH (MPa)	
On Steel	6.2
On Fibreglass	3.4
COMPRESSIVE STRENGTH (MPa)	69
DENSITY (gm/cm ³ , lb/gal)	1.9, 15.8
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 Aqua 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 Aqua 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 Aqua consists of epoxy resins and hardener systems, which are currently classified as hazardous materials. Wear rubber or plastic coated gloves.

Sylmasta Ltd, PO Box 262, Haywards Heath, West Sussex, RH16 3FR

Email: sales@sylmasta.com Tel: +44 (0)1444 831459 Fax: +44 (0)1444 831971

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Sylmasta and its agents cannot assume liability or responsibility for results obtained in the use of its products by persons whose methods are outside or beyond our control. It is the users responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the users responsibility to observe and adopt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.