

# Superfast Aqua Wet Stick

## 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.).....75

LAP SHEAR TENSILE STRENGTH (MPa)

On Steel .....6.2

On Fibreglass.....3.4

COMPRESSIVE STRENGTH (MPa).....83

DENSITY (gm/cm<sup>3</sup>, 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.

*Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.*