

## SUPERFAST PLASTIC EPOXY

### DESCRIPTION

Superfast Plastic-Stick Epoxy Putty is a fast-setting polymer compound that enables permanent repairs to all major plastic types except polyolefins (polyethylene/polypropylene). It also bonds to metal, wood, glass, and masonry.

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 Plastic-Stick contains a fading blue 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 Plastic-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 Plastic-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 Plastic-Stick has a work life of approximately 20 minutes. Within 35-40 minutes it will harden and form a cohesive bond. After 2-3 hours, the system can be put back into service.

### TECHNICAL DATA

MINIMUM SHELF LIFE (months @ 24°C.)	24
HARDNESS, SHORE D (full cure, 24 hrs.)	65
LAP SHEAR TENSILE STRENGTH (MPa)	
On PVC	2.4
COMPRESSIVE STRENGTH (MPa)	69
DENSITY (gm/cm <sup>3</sup> , lb/gal)	1.6, 13.4
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 Plastic 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 Plastic 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 Plastic consists of epoxy resins and hardener systems, which are currently classified as hazardous materials. Wear rubber or plastic coated gloves.

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