

SUPERFAST PLASTIC STICK

Description

Superfast Plastic Epoxy Putty Stick is a fast-setting, industrial-strength polymer compound which enables permanent repairs to all major plastic types except polyolefins (polyethylene/polypropylene). It is used to repair holes and cracks in leaking bathroom, kitchen and industrial pipes made from PVC, ABS and other plastics. It bonds broken plastic pieces back together, including furniture and other parts. Superfast Plastic also bonds to metals, masonry, wood and glass.

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 contains a fading blue dye and becomes white once mixed. 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 is non-rusting and will not corrode.

Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Superfast Plastic 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 Plastic 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
Shore D hardness (full cure, 24 hrs.)	65
Lap shear tensile strength (Mpa)	
On PVC	2.4
Compressive strength (MPa)	69
Density (gm/cm ³ , 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**

Superfast Plastic 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 Plastic 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 Plastic 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.