

## TECHNICAL DATA

# SUPERSTICK Metal Repairer

### Product description

Superstick Metal Repairer is an epoxy putty designed to be worked by hand. It contains metal particles that give it similar density to metal. Once cured, it bonds integrally with the object to be repaired and it can be sanded, drilled, polished, painted and lacquered just like metal.

Superstick Metal is specially designed for the ultra-strong fixing, sealing, filling, reconstruction and creation of a broad range of items and materials.

### Technical characteristics

- Appearance: stick with two concentric sections of different colours; one of the sections is the resin and the other is the catalyst. When kneaded, the two sections mix.
- Pot life (20°C): 3 minutes
- Shear strength (on steel test piece): 63 kg/cm<sup>2</sup>
- Compressive strength: 815 kg/cm<sup>2</sup>
- Heat resistance: -30°C to +120°C and intermittently up to +150°C.
- Chemical resistance: resists contact with hydrocarbons, ketones, esters, alcohols, water and dilute solutions of acids and alkalis.
- Electrical resistance: 30 Gigaohms
- Shore D hardness: 80

### Applications

- For the repair, reconstruction or restoration of any object made of metal, including tubing and rails.
- Filling screw and bolt holes.
- Repair, installation or restoration of refrigerators, aluminium roofs, tanks, moulds, etc.
- Prototype assembly.
- Installation of marine equipment.
- Suitable for indoor and outdoor use.
- High adhesion to iron, steel, copper, brass, bronze, aluminium, and all types of alloys.

### Instructions for use

1. To ensure maximum adhesion, surfaces must be clean, dry and free from loose materials (powder, sawdust, etc.). Prior sanding or sandblasting followed by degreasing significantly improves adhesion.

2. Cut off the desired amount of putty.
3. Knead for 1 minute with the fingers until the paste is uniformly coloured.
4. If the mixture is hard to mix, slightly warm the product (25°C).
5. Apply to the surface to be repaired within a maximum of 2-3 minutes after mixing. For filling cavities, it is helpful to use a metal tool moistened with clean water.
6. For a smooth finish, rub with a hand soaked in water before product completely hardens.

*After 5-10 minutes, the mixture will harden like metal and will start to form a tenacious bond. After 60 minutes, the mixture will be sufficiently cured for it to be drilled or sawn. It will be totally cured in 24 hours.*

### Dissolving and cleaning

It is recommended to clean hands before the resin sets, using hot water and liquid soap. Once hardened, excess adhesive can only be removed by mechanical means.

### Storage

Under normal storage conditions, (temperature between 5°C and 20°C) not exposed to direct sunlight and in its original container, product life is over 18 months.

### Safety precautions

This product contains epoxy resin.

Keep out of the reach of children.

More detailed instructions are given in the relevant product safety data sheet.

***The user shall take ultimate responsibility for determining the final suitability of the product in all types of application.***

The information given in this Technical Data Sheet should never be considered as a specification of the product's properties.

We guarantee the uniformity of the properties of our products in all supplies. The recommendations and information published in this technical data sheet are based on our current knowledge and rigorous laboratory tests. Due to the many variations in each project's materials and conditions, we ask our customers to conduct their own tests of utility under the expected working conditions and following our general instructions. This will avoid any subsequent damage, for the consequences of which the company is not responsible.