

Plastic Repair Kit



DESCRIPTION

Repair kit for restoration of damaged steel and glass reinforced plastic parts, e.g. repair of rusted through areas, cracks and small holes in metal parts. The glass fiber impregnated with polyester resin creates a strong coating which should be overcoat with filling putties during further repair. The kit contains polyester resin, catalyst and 0.5x0.5m glass mat.

APPLICATION

The product is ideal for repair of car structural components, container etc.

CHARACTERISTICS

- Excellent adhesion to glass reinforced plastic and steel surfaces
- Polyester resin is a thixotropic product which can be easily applied
- After product hardening its surface is not sticky

SUBSTRATES

Glass reinforced plastics, steel, laminated plastics.

VOC: 62 g/L
EU limit value: 2004/42/II(b)(250)

Articles	Description	Pcs. / pack
2-221-0250	Plastic Repair Kit 0.25 kg (can), w / hardener	12

SUBSTRATE PRETREATMENT



Substrates to be treated must be cleaned, dried, degreased with C.A.R.FIT Silicone Remover and sanded.
Sand steel, light metal and fiberglass with grit P80–P120
Sand old paintwork to bare metal with grit P80–P120



Remove old thermoplastic coats (NC- or 1K Acrylic paints), synthetic resins as well as acid-containing products (e.g. Wash primer)*

APPLICATION



- Follow the catalyst mixing ratio!
- Do not apply on any top coats
- Mix carefully
- Temperature increase can reduce the pot life



Add 2–3 % hardener of weight



8 – 10 min at 20°C

FURTHER TREATMENT



Apply the mixture on the surface with a brush or a filling knife, and then apply the glass mat in a way that it covers the surface and goes out of the edge of the area for 5 cm. After that apply the mixture on the glass mat till it gets fully saturated, remove the air bubbles by flattening the material with a stiff brush. When the temperature of the resin layer will be approximately equal to the room temperature, the surface can be sanded.



Dry to sand:
· ca. 40 min at 20°C
· ca. 20 min at 60°C



Sand dry with grit P80–P120



Apply filling / finishing putty

TECHNICAL DATA

Colour	amber yellow
Density	1120–1150 g/L

STORAGE



Keep away from direct sunlight

*Do not apply on one component (etch and anticorrosive) primers and thermoplastics. Application on paintwork coatings is not recommended.