

METAL PLASTIC UNIVERSAL

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Technical Characteristics:

Base	Amine pre-accelerated polyester resins
Consistency	Stable paste
Curing System	Chemical reaction
Pot-life*	5 min.
Sandable after *	25 min.
Shore D hardness	70 - 75
Temperature resistance	-30°C - +115°C
Density	1.8 g/cm ³

* This varies according to ambient conditions such as temperature, humidity, substrate etc.

Product:

Metal Plastic Universal is a two component polyester putty based on unsaturated polyester resins.

Characteristics:

- 2 components
- Very easy to apply
- Fast curing
- Excellent adhesion on all metals, even non-ferro metals and zinc-coated substrates, polyester, wood
- Flexible

Applications:

- Filling of dents, scratches and cracks on car body and parts made from non-ferro metals or zinc coated steel, polyester
- Repair of damages on boats, surf boards etc.

Packaging:

Colour: A component; white

B component; red

Packaging: A component; metal tins 2kg or 3kg dispensing system
B component: tube, 50g

Substrates:

Nature: metal, zinc coated substrates, polyester, wood

State: clean, dry and free of dust and grease

Preparation: remove rust, sanding of smooth substrates improves the adhesion strength

We recommend a preliminary adhesion test on every substrate.

Application:

Method: Mix 2-3% B-component with the A-component. Ensure thorough mixing to achieve a homogeneous mixture. Do not mix more than can be applied within 5 minutes.

Never deviate from the prescribed mixing ratio between A- and B-component. Every deviation of this mixture ratio will adverse the curing of the product and the final mechanical properties.

Apply the mixed product by means of a spatula in a thin layer to the surface. Apply the filler in several layers if necessary. The putty can be sanded after 15 to 30 mins. Depending on ambient temperature. After curing repair can be continued (sanding, drilling, painting).

Application temperature: +10°C to +25°C

Cleaning: Uncured Metal Plastic Universal may be removed from tools and parquet with Acetone or any other solvent. Cured Metal Plastic Universal must be removed mechanically.

Repair with: Metal Plastic Universal

Shelflife:

12 months in unopened packaging in a cool and dry place at temperatures between +5°C and +25°C.

Health and Safety Recommendation:

Apply the usual industrial hygiene precautions. Consult the label for more information.

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are out of our control, we cannot accept any responsibility for the results obtained. In every case, it is recommended to carry out preliminary experiments