

Metal Plastic Universal

Revision: 16/07/2019

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Technical data

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| Basis | Amine pre-accelerated unsaturated polyester resins |
| Consistency | Paste |
| Curing system | Chemical curing |
| Hardness** | Ca. 75 Shore D |
| Density | Ca. 1,86 g/ml |
| Open time | 5 - 8 min |
| Sandable after | Ca. 20 min |
| Temperature resistance** | -30 °C → 115 °C |
| Application temperature | 10 °C → 25 °C |

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

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

Properties

- 2-component
- Very easy to apply
- Very universal adhesion on all metals, also on zinc surfaces.
- Fast curing
- To be treated quickly afterwards (grinding, sanding, ...)
- Lasting adhesion

Applications

- Filling of scratches, tears, dents in metal plates, even zinc and galvanized.
- Repairing scratches, cracks, dents in cars.
- Repairs of metal, polyester and wooden surfaces.
- Filling of scratches and dents in wooden surfaces.

Packaging

Colour: ivory

Packaging: 2 kg, 3 kg

Shelf life

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

Substrates

Substrates: metals, polyester, wood, ...

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Remove rust. Rough grinding of smooth surfaces improve the adhesion.

We recommend a preliminary adhesion test on any substrate.

Application method

Mix 2% 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. 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 20 to 30 mins. Depending on ambient temperature. After curing repair can be continued (sanding, painting etc.).

Cleaning: acetone

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. Consult the packaging label for more information.

Remark: This technical data sheet replaces all previous versions. 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. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.