Technical datasheet

Metal Plastic Standard

Product description

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

Properties

- Easy to apply
- Two component system
- Fast curing
- To be treated quickly afterwards (grinding, sanding, ...)
- Lasting adhesion



Applications

- Filling of scratches, tears and dents in metal plates.
- Repairing of metal and polyester surfaces.
- Repairing scratches, cracks and dents in cars.

Technical data

Base	Amine pre-accelerated unsaturated polyester resins
Consistency	Paste
Curing system	Chemical curing
Density	ca. 1,86 g/ml
Open time	5 - 8 minutes
Hardness	65 - 70 Shore D
Application temperature	+10°C → +25°C
Temperature resistance	-30°C → +115°C
Sandable after	ca. 20 minutes

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
  The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
  Remove rust. Rough grinding of smooth surfaces improves the adhesion.
- Substrate types
  Metal Plastic Standard has a good adhesion to following substrates: metals, polyester, etc.. Metal Plastic Standard has no good adhesion or is not suitable for zinced or galvanized metal. For zinced or galvanized metal plates, we recommend the usage of Metal Plastic Universal. We recommend a preliminary adhesion and compatibility test on every surface.

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Application method

- Application method
  Mix 2% of B-component with the A-component. Ensure thorough mixing to achieve a homogeneous mixture. Do not mix more than the amount of product that 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 minutes depending on the temperature. After curing, repair can be continued (sanding, painting, etc.).
- Cleaning method
  Clean with acetone.
- Repair method
  Repair with the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.
Use only in well-ventilated areas.
Dangerous. Respect the precautions for use.

Packaging/Logistics

Colour: Please consult the product catalogue, the Soudal website or a Soudal representative.
Packaging: Please consult the product catalogue, the Soudal website or a Soudal representative.
Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

This technical data sheet replaces al 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. It is general in nature and does not constitute any liability. 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. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.

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