

Polyfiber Clear

Revision: 16/07/2019

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Technical data

Basis	Amine pre-accelerated unsaturated polyester resins
Consistency	Paste
Curing system	Chemical curing
Hardness**	Ca. 78 Shore D
Density	Ca. 1,15 g/ml
Open time	Ca. 10 min
Sandable after	Ca. 45 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

Polyfiber Clear is a polyester putty based on unsaturated polyester resins, reinforced with glass fibres. To be mixed with benzoyl peroxide-hardener.

Properties

- 2-component
- Very easy to apply
- Fast curing
- To be treated quickly afterwards (grinding, sanding, ...)
- Lasting adhesion

Applications

- Reinforcing of rust-eaten parts and small holes in metal, polyester and wood.
- Repairing of small holes and dents in car body parts.
- Replacing or reinforcing of rusted through parts.
- Bigger damages on boats, surf boards,...

Packaging

Colour: light grey

Packaging: 500 g, 1 kg tin, 5 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, fiberglass, ...

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.). Finish with a layer of Metal Plastic or Metal Plastic Extra Fine before painting or spray painting.

Cleaning: acetone

Repair: With the same material.

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.

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Health- and Safety Recommendations

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

Remarks

- To achieve a good adhesion to metal it is recommended to apply a thin layer of Metal Plastic on which the polyester resin can be applied.

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