

Poly Liquid

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Technical data

Basis	Amine pre-accelerated unsaturated polyester resins
Consistency	Fluid
Curing system	Chemical curing
Hardness**	Ca. 65 Shore D
Density	Ca. 1,10 g/ml
Open time	10 - 15 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

Poly Liquid is a pre-accelerated polyester resin. To be mixed with benzoylperoxide-hardener.

Properties

- 2-component
- Very easy to apply
- Fast curing
- Gives very strong repairings

Applications

- Repairs of metal, polyester and wooden surfaces.
- 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: brown

Packaging: 1 kg tin

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

When used together with Fiberglass Mat, cut the fiberglass to the right size with on all sides ± 3 cm overlap. Fray out the overlapping edges to achieve a smooth transition. Mix the required amount of Poly Liquid with 2 to 4% hardener in the supplied cup until a homogeneous mixture without color differences is obtained. Transfer by means of the brush a portion of the mixture to the substrate. Soak the fiberglass mat and press it firmly against the surface. After drying of the preceding layer repeat this operation in order to obtain a greater stiffness. Make sure that the successive mats are 1cm larger each time. Sand after hardening with a very coarse sandpaper or a grinding wheel. Additionally apply a thin layer of Metal Plastic for a good finish.

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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