

# Soudalsteel

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## Technical data

Basis	Amine-pre-accelerated unsaturated polyester resins and metal powder
Consistency	Liquid (comp. A) and powder (comp. B)
Curing system	Chemical curing
Hardness	85 Shore D
Temperature resistance	-30 °C → 115 °C
Open time	5 to 30 min.
Application temperature	10 °C → 30 °C

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

## Product description

Soudalsteel is a synthetic steel based on polyester resin and aluminium powder with benzoyl peroxide-hardener.

## Properties

- 2-component
- Very easy to apply
- Fast curing.
- Can be machined as metal (drilling, sawing, filing, ...)
- Resistance to many chemicals and withstands mould growth

## Applications

- Casting of metal pieces and sealing of cracks and holes in metal.
- Sealing of radiators, water supplies, drains, ...

## Packaging

*Colour:* aluminum

*Packaging:* 125 ml tube

## 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

*Nature:* 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 every surface.

## Application method

*Application method:* Thoroughly mix both components until the desired consistency has been reached (liquid or paste). Apply with brush or spatula. After curing, the product can be treated further (drill, saw, file,...).

*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 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 beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.