SOUDAL

Technical Data Sheet

# Epoxy Liquid Steel



**Technical data**

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|---|---|
| Basis | Epoxy resins |
| Consistency | Fluid |
| Curing system | Chemical curing |
| Mixing ratio | A:B = 1:1 |
| Temperature resistance** | -40 °C → 90 °C |
| Open time (23°C, 55% RV)* | Ca. 4 min. |
| Application temperature | 15 °C → 25 °C |
| Drying time (23°C and 50% R.H.) | Ca. 10 min. |

* 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**
Epoxy Liquid Steel is a fast curing two component adhesive based on epoxy resins.

**Properties**
- Fast drying
- High adhesive strength
- Fast strength build-up

**Applications**
- Bonding of most common materials such as porcelain, ceramics, jewels, glass, metal, timber, tiles, etc.

**Packaging**
Colour: grey
Packaging: 30g

**Shelf life**
At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C.

**Substrates**
Substrates: a variety of porous and non-porous materials
Nature: rigid, clean, dry, free of dust and grease.
Surface preparation: No pretreatment required. We recommend a preliminary adhesion test on any substrate.

**Application method**
Application method: Extrude the necessary adhesive from the tubes. Mix both components thoroughly. Apply the adhesive evenly on one of the parts to be glued on. Join materials and clamp for at least 10 minutes or press them together.
Cleaning: Uncured Epoxy Liquid Steel can be removed from substrates and tools with Adhesive Remover 90A. Cured Epoxy Liquid Steel can only be removed mechanically.
Repair: With the same material.

**Health- and Safety Recommendations**
Take the usual labour hygiene into account. Keep out of reach of children. Consult label and material safety data sheet for more information.

**Remarks**
- After using, put the closing cap on the nozzle.