

Wood Fix

Revision: 3/01/2018

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Technical data

Basis	Hybrid Polymer
Consistency	Liquid paste
Curing system	Moisture curing
Curing speed * (20°C / 65% R.H.)	Ca. 1 mm/24h
Density	Ca. 1,33 g/ml
Viscosity (Brookfield)	Ca. 237.000 mPa.s
Total solid content	100 %
Open time (*)	Ca. 6 min.
Water resistance (EN204)	D4
Shear strength	> 10MPa
Temperature resistance	-30°C to +100°C (cured)
Application temperature	5 °C → 35 °C

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

Product description

Wood Fix is a unique waterproof (D4), non-foaming, very strong, isocyanatefree construction adhesive.

Properties

- Isocyanate free construction adhesive
- No black fingers
- Water resistant D4
- Non foaming
- For in and outdoor use
- Self-leveling and flows to fill connections
- End strength up to 110 kg/cm²
- Clamping not necessary
- Gap filling capacity, up to 1mm
- Can be finished immediately after application
- High heat resistance
- Fast setting - handtight after 60 minutes

Applications

- Suitable for the bonding of non-carrying bondings between different sorts of wood.
- Specific for bondings with a wooden seam which will remain visible.
- Suitable for all fitting outside connections who are exposed to weather effects: doors, windows, other constructions who are in a need of a D4 water resistance classification.

Packaging

Colour: RAL 1001 (brown)
Packaging: 290 ml cartridge

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C. After use, close the packaging with the original cap.

Substrates

Substrates: Suitable for bonding most commonly used materials from the construction and building industry such as wood, wood based materials, glass, aluminium, steel, many types of plastics, tiles, concrete, brick, ... At least one of the surfaces should be porous. Not suitable for PE, PP, PTFE and bitumen

Nature: The surface may be humid. The surfaces must be clean, free of dust, grease, oil and rust. The substrates need to be fitting with a tolerance of max. 1mm.

Surface preparation: For a better adhesion, it's recommended to roughen the surface with sanding paper P80, metal has to be free of rust and roughened at a St 3 level (according to ISO 8501-1). Both substrates have to be even and/or well matched.

We recommend a preliminary adhesion test on any substrate.

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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Application method

Application method: Apply with a caulking gun in equal beads or dots. Close within 6 minutes, press well and fixate while curing until hand tight (ca. 60 min) Wipe away excess product with a cloth. Cured product can only be removed mechanically.

Cleaning: Wood Fix can be removed from tools and material with Soudal Surface Cleaner, White Spirit or Swipex, before curing. Cured Wood Fix can only be removed mechanically.

Repair: With the same material

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- The end strength of Wood Fix is equal or higher to similar PU construction adhesives.
- Do not use in applications where continuous water immersion is possible.
- Wood Fix is self-leveling and therefore cannot be used for vertical joints.
- Sufficient moisture needs to be able to reach the adhesive layer to cure. This depends on the type of material, structure of the surface, thickness of the material, air humidity and temperature.
- Wood Fix requires sufficient moisture to cure. In dry environments it is recommended to apply the adhesive onto both surfaces and then to spray a fine mist of water on top of the adhesive.
CAREFUL: moistening the substrates prior to applying the adhesive will have a negative impact on the bond strength of the product.

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