

Technical Data Sheet (TDS)

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THERMO FILLER



ThermoFiller is a fast-setting polyamide wood filler. The product is elastic and weather-proof, suitable for both indoor and outdoor use.

PRODUCT APPEARANCE

- ✓ Sticks

PACKAGING

- ✓ Foil packaging – 8 sticks (200 g)
- ✓ Carton – 14 kg

STICK PARAMETERS

- ✓ Diameter: 11.5 mm
- ✓ Length: 25 cm
- ✓ Weight: 20 g

STORAGE

- ✓ Store in cool and dry environment
- ✓ Opened package store in cool and dry environment (e.g. in plastic bag)

PHYSICAL PROPERTIES

- | | |
|---------------------------|--|
| ✓ Colors | Beige, Dark Beige, Khaki, Light Resinous, Dark Resinous, Grey, Dark Brown, Blackish Brown, Black |
| ✓ Density | 1 g cm ⁻¹ |
| ✓ Softening temperature | 85-100°C |
| ✓ Tensile strength (22°C) | 3-4 MPa |
| ✓ Elastic modulus (22°C) | 2.5-3.5 GPa |
| ✓ Extensibility (22°C) | 500-600% |
| ✓ Open time | 30-60 s |

USES

To repair wood defects such as:

- ✓ Knot-holes
- ✓ Resin pockets
- ✓ Fissures/cracks
- ✓ Wooden corners/edges
- ✓ Other defects

WHAT CAN BE REPAIRED

Suitable for both indoor and outdoor use:

- ✓ Furniture
- ✓ Flooring/-parquet
- ✓ doors/windows/jambs
- ✓ Weatherboards/terrace boards
- ✓ Log cabins

PROPERTIES

- ✓ **Fast:** A regular wood defect is repaired in a matter of seconds, and the repaired area is instantly ready for any following finishing procedure.
- ✓ **Elastic:** Does not crack nor shrink.
- ✓ **Durable:** Absorbs mechanical shock without cracking; withstands steep and broad temperature fluctuations.
- ✓ **Convenient:** Deep defects can be repaired with one filling.

USEFUL TIPS

Choosing the right color. Before starting working with ThermoFiller, test the suitability of its color on a separate test piece.

Glue gun. We recommend using a variable temperature glue gun and of sufficient heating capacity (at least 100 W).

Temperature. Optimal temperature for using ThermoFiller is 120-145°C.

Cutting. For the sake of convenience and safety, we recommend using the specially designed cutter.

Sanding. Avoid applying heavy force while sanding. Too heavy of a force might melt ThermoFiller.

Finishing. Prior to finishing (paint, varnish, stain, oil) we recommend testing the outcome on a test piece.