

Strong As Nails Fix It Plus

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Technical data

Basis	Synthetic rubber
Consistency	Paste
Curing system	Physical drying and crystallisation
Curing speed*	Hand tight in 20 min.
Density	Ca. 1,35 g/ml
Temperature resistance**	-20 °C → 70 °C
Open time (*)	Ca. 5 min.
Curing time	Full cure up to 7 days
Application temperature	5 °C → 30 °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

Solvent based, fibre re-inforced, ultra-high-performance gap filling construction adhesive. High bond strength. Hand tight in 20mins. Suitable for heavy-duty vertical and horizontal bonding applications, both inside and outside. Suitable for bonding of two non-porous substrates (use transfer method).

Properties

- Fibre reinforced for increased end strength.
- Suitable for bonding on uneven surfaces.
- Replaces nails and screws
- Excellent adhesion on a wide range of construction materials both in interior and exterior applications
- Water resistant
- Does not attack polystyrene

Applications

- Suitable for the bonding of decorative materials, skirting boards, gypsum panels in vertical, horizontal and overhead applications.
- Bonding of carpet grippers, edge strips and aluminium and uPVC stair nosing
- Bonding of wall and floorboards, window frames and partitions
- Suitable for solid fixing of materials like wood, synthetic materials, stone, wall tiles, metal on surfaces of concrete, stone, plasterwork, wood, chipboard etc.

Packaging

Colour: beige

Packaging: 350 gram



Shelf life

At least 24 months in original, unopened packaging at a cool and dry storage place, between +5°C and +25°C.

Substrates

Substrates: Various porous and non-porous surfaces such as wood, concrete, stone and other materials commonly used in construction. Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: No pretreatment required. Soudal Strong As Nails Fix It Plus has excellent adhesion on most substrates. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion test on any substrate.

Application method

All surfaces must be clean, dry and free from dust, dirt, grease and loose materials. Cut the tip off the cartridge, screw on the nozzle and trim to the required angle and bead size. Apply in beads onto one surface, press together strongly and maintain parts together for 24 hours with temporary fasteners or by clamping. For the bonding of heavy materials and of drywall panels use the transfer method: Apply adhesive onto one of the substrates, press the parts together strongly and release immediately. Wait for up to 5 minutes and then return parts together and press together. The bond may be loaded after 24- 48h. Support may be required on a vertical fixing or for heavy components.

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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Cleaning: Store in cool and dry conditions between +5°C and +25°C. Cleaning: fresh with Soudal Swipex or Adhesive Remover. Cured with Soudal Adhesive Remover or removed mechanically.
Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. Do not smoke. In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult the packaging label for more information.

Remarks

- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- In case of overhead applications, a combination with mechanical fixing is required.
- Do not use as a mirror adhesive.
- Do not use in applications where continuous water immersion is possible.

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