

14 June 2024

STRONG AS NAILS Super Grab

Technical Data

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|--------------------------|--------------------------------|
| Basis | Acrylic dispersion |
| Consistency | Paste |
| Curing system | Physical drying |
| Density | Ca. 1.30 g/mL |
| Open time* | Ca. 15 min |
| Curing time | Full cure up to 7 days |
| Initial tack | At least 140 kg/m ² |
| End strength | |
| Wood – wood | 22 kg/cm ² |
| Wood – aluminium | 16 kg/cm ² |
| Wood – PVC | 12 kg/cm ² |
| Temperature resistance** | -40 °C → 70 °C |
| 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

Strong As Nails Super Grab is a ready to use, solvent free construction adhesive with a high initial tack of 140 kg/m². Extremely suitable for porous surfaces

Properties

- Solvent-free
- Suitable for bonding on uneven surfaces.
- Initial tack = 140 kg/m² (full surface bonding)
- Moisture resistant
- Direct application onto one substrate
- Paintable with waterbased paint
- Fibre reinforced for higher end strength
- Waterproof packaging

Applications

- Suitable for solid fixing of materials like wood, synthetic materials, stone, wall tiles, metal on surfaces of concrete, stone, plasterwork, wood, chipboard etc.
- Suitable for bonding panel work, panels, skirting boards of wood and PVC, cable tray and most frequent decoration materials

Packaging

Colour: beige

Packaging: 350 grams plastic cartridge, 20x cartridges in bucket

Shelf life

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

Substrates

Substrates: all usual building substrates such as wood, concrete, stone and other materials commonly used in construction.

Nature: rigid, clean, free of dust and grease.

Surface preparation: No pretreatment required. Strong As Nails Super Grab has excellent adhesion on most substrates.

Not suitable for PE, PP, PTFE (eg. Teflon®), bituminous substrates. We recommend a preliminary adhesion and compatibility test on every surface.

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 and batten down with a rubber hammer.
- Bond may be loaded after 24-48 hours.

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: With manual- or pneumatic caulking gun.

Cleaning: Clean with Soudal **Swipex**, immediately after use or with water.

Cured Strong As Nails Super Grab can 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. Use only in well-ventilated areas.

Remarks

- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- Do not use in applications where continuous water immersion is possible.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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