

Strong As Nails Heavy Materials

Revision: 12/10/2022

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Technical data

Basis	Acrylic
Consistency	Paste
Curing system	Physical drying
Density	Ca. 1,30 g/ml
Temperature resistance**	-20 °C → 70 °C
Open time (23°C, 55% RV)*	15 min.
Initial tack	At least 250kg/m ²
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 Heavy materials is a waterbased grab adhesive from recycled material with a high initial tack. Extremely suitable for porous surfaces.

Properties

- 80% recycled material
- Contains bio based material
- Initial tack: 250 kg/m² (full surface bonding)
- Suitable for bonding on uneven surfaces.
- Direct application onto one substrate
- Very good adhesion on many porous materials
- Suitable for interior and exterior use

Applications

- Very good adhesion on all usual porous building surfaces.
- 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 the most frequent decoration materials.

Packaging

Colour: beige

Packaging: 350g cartridge from recycled (PCR) material

Shelf life

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

Substrates

Substrates: all usual building substrates

Nature: clean, free of dust and grease. At least one of the materials to be bonded must be porous.

Surface preparation: No pretreatment required.

There is no adhesion on PE, PP, PTFE

(Teflon®) and bituminous substrates. We

recommend a preliminary adhesion test on any substrate.

Application method

Application method: Apply the adhesive by means of a caulking gun in equal beads or dots on one of the materials that have to be glued. Always apply a bead on the edges of the components and on edges and corners of panels. Press the surfaces immediately together and batten down with a rubber hammer. Support if needed. The bond may be loaded after 24-48h.

Cleaning: Before curing, Strong As Nails Heavy Materials can be removed with water from substrates and tools. Cured Strong As Nails Heavy Materials can only be removed mechanically.

Repair: With the same material.

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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Health- and Safety Recommendations

Take the usual labour hygiene into account.
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.
- Do not use in applications where continuous water immersion is possible.

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