

BUILDING PRODUCT INFORMATION SHEET

Nailbond® Fast

Fast grab, zero solvent, multi-purpose construction adhesive

DESCRIPTION

Nailbond® Fast is a premium, water based, multi purpose construction adhesive providing strong initial grab and high bond strength.

USES

- Panels to wall studs
- Fibre cement, plywood, particleboard and strip flooring to joists
- Polystyrene wall panels
- Architraves, trims and skirting boards to walls
- Loose tiles back onto walls

LIMITATIONS OF USE

The product is not a substitute for any mechanical fixings that are specified by the manufacturer of the element being bonded

A building element used for load bearing, bracing, structural support or other applications as defined in the NZBC, must be fastened in accordance with the specification / instructions from that elements manufacturer

If bonded elements require NZBC compliance, the maximum substrate moisture contents at the time of application must comply with E2/AS1 Paragraph 10.2

At least one of the bonding surfaces must be porous to enable the adhesive to cure effectively

PRODUCT INFORMATION

Product identifier	Nailbond® Fast
Place of manufacture	Overseas
Packaging	Packaged in 300ml (420g) cartridges, 12 cartridges per box. Also in 600ml sausages, 15 sausages per box
Shelf life	Two (2) years in unopened original sealed packaging when stored according to the conditions stated below.
Storage conditions	Store in unopened original sealed packaging at temperatures between +5°C and +35 °C.

For bonded elements requiring NZBC compliance only use in bonding applications that will remain dry.

FEATURES

- Can be repositioned for up to 60 minutes after application
- Easy to use, easy clean up
- Reduces squeaking associated with nail ride in floors
- Can be painted with water-based coatings
- Can bridge gaps up to 9 mm
- High bond strength, with particularly strong adhesion to metal
- Fast initial grab – minimises slippage on vertical surfaces
- Reduces number of mechanical fasteners required to install floors or walls.
- Zero solvent* – low odour and no fumes
- Low V.O.C.** (Volatile Organic Compounds)
- High heat resistance
- Flows easily at all temperatures

APPROVALS / CERTIFICATES

AS2329-1980, “Mastic Adhesives for Fixing Wallboards”

**Nailbond® Fast has been independently tested for V.O.C. content, as a general purpose construction and wallboard adhesive for the purpose of Green Star rating. Certificate ref. F0909-12.

Colour	Pale brown
Density	~1.4 kg/l
Volatile organic compound (VOC) content	**Nailbond® Fast has been independently tested for V.O.C. content, as a general purpose construction and wallboard adhesive for the purpose of Green Star rating. Certificate ref. F0909-12.

APPLICATION INFORMATION

Open Time	Repositioning time: 60 minutes (approx.) at 25°C.
Curing time	Full cure: 24 hours depending on conditions. When both surfaces are porous, a firm slip-resistant bond will develop after 15 minutes at +30°C and 60 minutes at +10°C. Should one surface be non-porous or the substrate damp, a firm slip-resistant bond will be achieved in approximately 8 hours. After 24 hours, 90% of the final strength will be achieved (dependant on temperature, porosity of the substrates, humidity and ventilation).
Skimming time	20 minutes

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika Supply Centre AG Industriestrasse 26 6060, Sarnen Switzerland
Importer information	Address	Sika (NZ) Limited 85-91 Patiki Road Avondale, Auckland 1026 New Zealand
	Phone number	0800 745 269
	Website	https://nzl.sika.com/
	Email address	info@nz.sika.com
	NZBN	9429000018791

BUILDING CODE INFORMATION

Building Code clauses	<p>Note: This product is an adhesive and on its own is not within the scope of the NZ Building Code. However, when it is used as part of an internal floor, wall, or ceiling system, or with other building elements that must comply with the NZ Building Code, and it is used in accordance with that material supplier's specification and Sika's technical literature, it will contribute to meeting the requirements of the following clauses:</p> <p>B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a, b, j, q), B1.3.4</p> <p>B2 Durability: Performance clauses B2.3.1 - (b) not less than 15 Years, (c) not less than 5 years</p> <p>F2 Hazardous Building Materials: Performance clause F2.3.1</p>
Building Code compliance statements	<p>Performance B1.3.1, B1.3.2, B1.3.3 (a, b, j, q) B1.3.4: When used as an adhesive this product contributes to meeting the loading requirements that bonded lining elements are subjected to, as a result of self-weight, imposed in-use gravity loading, impact, and the effects of creep and shrinkage over time.</p> <p>Performance B2.3.1 (b) 15 years and (c) 5 years: This product achieves these durability requirements and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Sika technical literature. nzl.sika.com. According to Sika's "Service Improvement" records, maintained within its ISO9001:2015 Quality Management System, this product has performed successfully since it was introduced in 2010.</p>

Performance F2.3.1: This product meets this requirement when used and applied in accordance with Sika's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Sika Product Technical Data sheet and product Safety Data Sheet nzl.sika.com for further information if required

BASIS OF PRODUCT DATA

All technical data in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Protect from contact with water.
- High humidity or poor ventilation will result in slow drying.
- Not suitable where both surfaces are non-porous.
- In applications where load bearing is required mechanical fasteners are recommended.
- Not suitable for bonding plank or engineered timbers to concrete floors.
- Not suitable for use in situations where chemical or abrasion resistance is required.
- *Nailbond® Fast is solvent free, low V.O.C. and non-flammable. No solvents are added or used during the manufacturing process of Nailbond® Fast.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

DESIGN REQUIREMENTS

There are no specific Sika design instructions for this product, when used as a general purpose adhesive. Refer to the product data sheet for general information at nzl.sika.com

If the building elements to be bonded are within the scope of the NZ Building Code then the bonding instructions of the manufacturer / supplier of those elements must be followed

SUBSTRATE PREPARATION

All surfaces must be clean, sound, dry and free of oil, grease and surface contamination. Thoroughly remove all loose particles and dust. Any loose flaking material must be removed and light sanding is recommended. Nailbond® Fast will adhere to damp (not wet) substrates but drying times may increase. Substrates should be above +5°C. Do not bond 2 non-porous substrates. Ensure that at least one surface is porous.

APPLICATION

- Apply a 5 mm bead of Nailbond® Fast to one surface using a cartridge gun; ensure the beads are no more than 45cm apart.
- Bring both substrates immediately together and clamp, nail or screw for a minimum of 24 hours.
- For butt joints use adhesive on both panel edges.

CLEANING OF EQUIPMENT

Clean tools and equipment immediately after use with water. Cured product can only be removed mechanically. For hands and skin wash thoroughly in warm soapy water.

MAINTENANCE REQUIREMENTS

There are no maintenance requirements for this Sika product

The building element being bonded, and the bonding substrate must both be maintained in accordance with each of their manufacturers instructions

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

The building product/building product line is not subject to warn- ing or ban under section 26 of the Building Act 2004.

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