

BUILDING PRODUCT INFORMATION SHEET

Nailbond® SuperGrip 30 Minute

FAST CURING PREMIUM POLYURETHANE CONSTRUCTION ADHESIVE

DESCRIPTION

A transparent polyurethane paste adhesive. Nailbond® SuperGrip 30 Minute is a versatile, ready to use, fast curing, general purpose construction adhesive.

USES

Bonding of:

- Edge bonding of particle board flooring
- Timber & MDF
- Marble & stone
- Concrete
- Brick/blocks
- Glass
- Fibre cement
- Tiles
- Rubber
- Metals
- Aluminium

LIMITATIONS OF USE

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

PRODUCT INFORMATION

Product Identifier	Nailbond® SuperGrip 30 Minute
Place of manufacture	Overseas
Composition	Transparent polyurethane paste
Packaging	310ml cartridges
Shelf life	Twelve (12) months from date of production when stored as stated.
Storage conditions	Store in original, unopened packaging in cool, dry conditions.
Colour	Translucent
Density	1.12g/cm ³

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

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

FEATURES

- 100% waterproof (BS-EN204)
- Incredibly strong
- Bonds almost anything, including LOSP treated timber
- Non drip
- No shrinkage
- Cures in 30 minutes*
- Interior and exterior use
- High temperature resistance (minus 30°C to +100°C)
- Cures transparent
- Does not stain

Solid content by mass 100% approximately

TECHNICAL INFORMATION

Service temperature -30°C to +100°C

APPLICATION INFORMATION

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

APPLICATION

GUN APPLICATION

Ambient air temperature +5°C to +35°C

Open Time **Relocation Time:** Approximately 5-10 minutes depending on temperature and ventilation.

Curing time Approximately 30 minutes, depending on temperature, moisture content of surfaces and adhesive thickness. Strength will increase over the next 24 hours.

- Cut end off cartridge nozzle at a 45° angle to give a 5-6 mm bead. Fit cartridge into a Sika gun.
- Apply adhesive thinly to one surface, or both surfaces if very porous or absorbent.
- Join surfaces within 5 minutes. A perfect fit is required for a watertight bond. Clamping or pressing will increase bond strength.
- Clamp time: 20-30 minutes at +15°C to +20°C. Clamp for longer if the temperature is below +10°C or substrate is damp.

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

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika Supply Centre AG Industriestrasse 26 6060, Sarnen Switzerland
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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

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:

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a, b, j, q), B1.3.4

B2 Durability: Performance clauses B2.3.1 - (b) not less than 15 Years, (c) not less than 5 years

F2 Hazardous Building Materials: Performance clause F2.3.1

NZ BUILDING PRODUCT INFORMATION SHEET

Nailbond® SuperGrip 30 Minute
12/12/2024 File version 1.0
02051301000000031

Building Code compliance statements

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.

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 2008.

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

- One or both of the materials to be bonded must be porous.
- Gap filling capacity is limited.
- Gap-filling performance may be enhanced by a slight moistening of the substrate surfaces.
- A perfect fit of components is required for a watertight bond.
- Surfaces may be damp or slightly moist, but all free liquid water must be removed.
- Fastest bond time will be achieved with dry substrates. It is best practice to increase the clamp time when using damp materials.

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

SUBSTRATE PREPARATION

All surfaces must be clean and free from all dust, laitance, scale, rust, loose particles, grease and foreign matter.

CLEANING OF EQUIPMENT

Clean up with acetone or white spirit. Cured adhesive can only be removed mechanically.

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 warning or ban under section 26 of the Building Act 2004.

Sika (NZ) Limited

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NZBPIS-4825-7502-7502-en-GB-1.0

