

BUILDING PRODUCT INFORMATION SHEET

Nailbond® PB

SOLVENT BASED GUN GRADE WALLBOARD ADHESIVE

DESCRIPTION

Nailbond® PB is a solvent based gun grade adhesive for bonding wallboards, panelling and wall linings to a variety of substrates.

USES

Nailbond® PB is used for bonding wallboards, panelling and wall linings to timber or metal studs. It will also bond to ceramic tile, cork, concrete and most common building materials including expanded polystyrene – see Limitations.

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

PRODUCT INFORMATION

Product identifier	Nailbond® PB
Place of manufacture	Overseas
Packaging	375 ml cartridges, 20 per box.
Shelf life	12 months when stored in original unopened containers in accordance with storage conditions stated below.
Storage conditions	Store in original unopened containers in a cool, dry place away from naked flames.
Colour	Beige
Solid content by mass	60% approx. by weight

TECHNICAL INFORMATION

Movement capability Slight, will accept normal building movement

APPLICATION INFORMATION

Consumption On average: one 375 ml cartridge of Nailbond® PB will yield 20 metres of 5 mm bead.

Ambient air temperature Application temperature range: +5°C to +35°C

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

- Fast curing.
- Panels can be relocated for up to 20 minutes after positioning.
- Excellent adhesion to most common building materials.
- Easy to apply and clean up.

Open Time	Relocation time: Up to 20 minutes, depending on temperature and ventilation
Curing rate	7 days at 20°C
Skimming time	3-5 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>
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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 2004.</p> <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</p>
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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

- Not recommended for immersion, exposure to sunlight or exterior use.
- Not recommended for bonding mirrors.

- Do not use Nailbond® PB for bonding acrylic shower panels - use Sika Showerbond.
- When installing polystyrene foam panels using Nailbond® PB, the adhesive must be applied as parallel beads, each no more than 5 mm in diameter. Once Nailbond® PB is applied the polystyrene must be brought into contact with the other substrate and the Nailbond® PB beads completely spread, before again separating the substrates. Then allow solvent from Nailbond® PB to flash off for approx. 1 to 2 minutes before bringing the substrates into final contact. Do not apply Nailbond® PB onto polystyrene foam as a blob. The surface to which the panels are to be fixed must not exceed 30°C. Failure to comply with these instructions will result in damage to the polystyrene foam panel. For this reason, exterior installation of polystyrene foam components using Nailbond® PB is not recommended. In these cases consider 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

APPLICATION

- Cut end off nozzle at a 45° angle to give a 5 mm - 6 mm bead.
- Fit the cartridge into the caulking gun and apply a continuous bead to all studs, joists, dwangs and other bearing surfaces. Pay attention to centre and edges of surfaces.
- Locate the panel onto the adhesive within 10 minutes, and press firmly.
- If necessary, panels can be relocated for up to 20 minutes.
- Brace the panel for a minimum of 24 hours, or fix with nails around the edges. Always check bond when removing any bracing.

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SUBSTRATE PREPARATION

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

CLEANING OF EQUIPMENT

Clean up with Sika Thinner C.

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

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