

PRODUCT DATA 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, paneling 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.

CHARACTERISTICS / ADVANTAGES

- 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.

APPROVALS / STANDARDS

NZ Building Code Compliant

- B1 Structure. When used as a component of compliant building element systems
- B2 Durability: Clauses B2.3.1 (b) 15 years. (c) 5 years
- F2 Hazardous Building Materials: Clause F2.3.1

PRODUCT INFORMATION

Packaging	375 ml cartridges, 20 per box.
Colour	Beige
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.
Solid content by weight	60% approx. by weight
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
Open Time	Relocation time: Up to 20 minutes, depending on temperature and ventilation
Curing Rate	7 days at 20°C

BASIS OF PRODUCT DATA

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

LIMITATIONS

- 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

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.

APPLICATION METHOD / TOOLS

- 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.

CLEANING OF TOOLS

Clean up with Sika Thinner C.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.

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