

Nailbond® PB

Solvent based gun grade wallboard adhesive

Construction

Positioning

Description

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

Use

Nailbond PB is used for bonding wallboards, panelling and wall linings to timber or metal studs. It will also bond to expanded polystyrene, ceramic, cork, glass mirrors (refer to limitations section), and concrete.

Advantages

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

Product Data

Form:

Smooth paste

Colour:

Beige

Storage & Shelf Life:

12 months when stored in original unopened containers in a cool, dry place away from naked flames.

Packaging:

Nailbond PB is supplied in 375 ml cartridges and 600 ml sausages.

Technical Data

Solids content:

65% approx. by weight

Cure type:

Solvent release

Cure rate:

24 hours at 20°C

Application

temperature range:

5°C to 35°C

Skimming time:

3-5 minutes

Relocation time:

Up to 20 minutes, depending on temperature and ventilation

Flammability:

Flammable solvents are released during cure

Movement

accommodation:

Slight, will accept normal building movement

Coverage:

On average: one 375 ml cartridge of Nailbond PB will yield 20 metres of 5 mm bead. One 600 ml sausage of Nailbond PB will yield 30 metres of 5 mm bead.

Application Conditions

Surface 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

- Cut end off nozzle at a 45° angle to give a 5 mm - 6 mm bead, pierce the internal membrane with a nail or similar.
- 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.
- Alternatively, heavy blobs of Nailbond PB can be used at 250 mm - 500 mm centres. On polystyrene, thin beads only should be used.
- 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 24 hours, or fix with nails around the edges.

Cleaning

Clean up with Sika TCN Thinner/Cleaner.

Important Notes

Limitations

- Not recommended for immersion, exposure to sunlight or exterior use.
- Mirrors: Plastic or vinyl-backed glass mirrors are not designed to be bonded with any solvent based adhesives. Standard glass mirrors can be bonded with Nailbond PB. If in doubt, Nailbond PB should be tested for compatibility or Sika's Technical Advisory Service consulted prior to use.



Notes 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.

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.

Health & Safety Instructions

- Protective Measures**
- Nailbond PB is flammable.
 - Nailbond PB may be harmful if swallowed or inhaled and may cause skin or eye irritation. Intentional misuse by deliberately inhaling vapour can be harmful or fatal.
 - To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work.
 - Local regulations as well as health and safety advice on packaging labels must be observed.
 - For further information refer to the Sika Material Safety Data Sheet which is available on request.
 - If in doubt always follow the directions given on the pack or label.

- Important Notes**
- Store in original container in a cool, dry place away from naked flame. Avoid contact with the skin and eyes, avoid breathing vapour. Do not eat, drink or smoke while using. Wear protective (PVC) gloves and eye protection when mixing or using. Use only in well ventilated places away from heat, sparks and naked flames.
 - Further details on each of the products mentioned are available on the product Material Safety Data Sheets. To ensure no harm is caused to persons using Fosroc products, it is recommended that the appropriate Material Safety Data Sheets are read by all concerned. Contact Sika for copies.
 - If spilt, absorb with clay, sand, earth etc. Collect and seal in properly labelled metal containers. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.
 - Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.

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.



Sika (NZ) Ltd
PO Box 19192
Avondale
Auckland
New Zealand

Phone: 0800 SIKA NZ
Fax: 0800 SIKA FAX
Email: info@nz.sika.com

0800 745 269
0800 745 232
www.sika.co.nz

