

## PRODUCT DATA 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

### CHARACTERISTICS / ADVANTAGES

- 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 / STANDARDS

AS2329-1980, “Mastic Adhesives for Fixing Wall-boards”

\*\*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.

#### 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

<b>Packaging</b>	Packaged in 300ml (420g) cartridges, 12 cartridges per box. Also in 600ml sausages, 15 sausages per box
<b>Colour</b>	Pale brown
<b>Shelf Life</b>	Two (2) years in unopened original sealed packaging when stored according to the conditions stated below.
<b>Storage Conditions</b>	Store in unopened original sealed packaging at temperatures between +5°C and +35 °C.
<b>Density</b>	~1.4 kg/l
<b>Open Time</b>	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).

## Skin Time

20 minutes

## 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

- 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

### 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 METHOD / TOOLS

- 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 TOOLS

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.

## 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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