

PRODUCT DATA SHEET

SikaBond®-142 Instant Nails

HIGH STRENGTH MULTIPURPOSE ADHESIVE

DESCRIPTION

SikaBond®-142 Instant Nails is a high strength construction adhesive that will not slump on vertical surfaces. It can be used as a one way liquid adhesive, or a two way contact adhesive, on a variety of surfaces.

USES

SikaBond®-142 Instant Nails can be used on a variety of substrates due to its excellent adhesion.

- Floor and wall panels
- Timber, particleboard, MDF & plywood
- Aluminium, iron and steel
- Concrete, cement sheeting, fibreglass and masonry

CHARACTERISTICS / ADVANTAGES

- One component ready to use
- Fast drying time
- Easy to use
- High adhesion strength
- Non-slump
- Paintable

PRODUCT INFORMATION

Packaging	300 gram cartridge (12 cartridges per box)
Shelf life	Minimum 18 months from the production date, if storage conditions are met and the packaging is in its original sealed and undamaged state.
Storage conditions	SikaBond®-142 Instant Nails shall be stored in dry conditions, where it is protected from direct sunlight and at temperatures between +5°C and +25°C.
Colour	Beige
Density	~1.1 kg/l
Tensile strength	>1MPa (dry substrate)
Adhesion in peel	>40N
Yield	~15 lineal metres for a consistent 5mm bead
Curing time	Full cure in approximately 7 days, depending on weather conditions.
Skimming time	1-5 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.

IMPORTANT CONSIDERATIONS

LIMITATIONS

- SikaBond®-142 Instant Nails is not suitable for immersed applications
- Do not apply SikaBond®-142 Instant Nails at temperatures below +5°C
- Do not apply SikaBond®-142 Instant Nails on damp, unseasoned or treated timber

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 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 flaking particles and dust. Light abrasion is recommended for improved adhesion.

APPLICATION METHOD / TOOLS

One Way Method: This method is recommended for heavier panels or where load or stress is expected. Apply a 4 to 6mm bead of SikaBond®-142 Instant Nails using a cartridge gun, making sure 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.

Two Way Method: Apply adhesive as in one way method, bring together substrates, and press firmly over entire surface to transfer adhesive. Then pull apart. Allow adhesive to tack off for 3 to 5 minutes depending on weather conditions, reposition the objects and press together firmly. The surfaces should be tapped together with a hammer and a padded block to ensure maximum contact. Maximum bond strength will be achieved in 12 to 72 hours, depending on substrates and weather. Heavy panels may require temporary mechanical fastening until maximum strength is achieved.

CLEANING OF EQUIPMENT

Clean all tools and equipment immediately after use with Sika® Colma Cleaner or mineral turpentine. Cured material can only be removed mechanically.

LOCAL RESTRICTIONS

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

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.

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Product Data Sheet

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