

PRODUCT DATA SHEET

Sika® Instant Nails

A high strength solvent free gap filling multi use adhesive

PRODUCT DESCRIPTION

Sika® Instant Nails is a high strength solvent free gap filling multi use adhesive that provides a quick grab and replaces mechanical fixings in many home improvement applications.

USES

- Sticking wood, metal, PVC, most plastics, glass, aluminium, concrete, render, stone, paper, cork, ceramics plaster/plasterboard, rockwool, PU foam board, Styrofoam, breeze block etc.
- Bonding dado rails, architrave and skirting.
- Fixing wall cladding direct to internal wall surfaces or timber battens.
- Fixing battens directly onto walls without fastenings.
- Bonding carpet gripper systems to most floors without the need for nails or tacks.
- Bonding stair nosing to concrete or wooden stairs.
- Securing aluminium or other skin panels to the framework of portable industrial buildings and caravans.

CHARACTERISTICS / ADVANTAGES

- Solvent free: environmentally friendly formulation.
- Excellent adhesion/bond strength: adheres to most common surfaces - QUICKLY.
- Good early grab properties: usable in both vertical and horizontal positions.
- Dries white.
- Will adhere to damp surfaces.
- Water clean up: no hazardous solvents.
- Overpaintable.

PRODUCT INFORMATION

| | |
|--------------------|--|
| Packaging | 290 ml Cartridge |
| Colour | White |
| Shelf Life | 24 months from date of manufacture. |
| Storage Conditions | Store in cool dry conditions between +5 °C and +25 °C. |
| Density | 1.55 - 1.65 g/cm ³ |
| Consistency | White thixotropic paste (ready to use). |

Lap Shear Strength

| | 1 day N/mm ² | 7 days N/mm ² |
|----------------|-------------------------|--------------------------|
| Wood:Wood | 3 | 3.8 |
| Wood:Aluminium | 1 | 1.1 |
| Wood:PVC | 0.6 | 0.8 |

Service Temperature

+4 °C to +35 °C

Open Time

Max 10 mins at +23 °C and 50 % R.H.

Curing Rate

Initial: 30 mins. Final: 24-48 hours (depending on substrate).

Consumption / Yield / Dosage (PRINT single line)

ca. 10 linear metres per cartridge

VALUE BASE

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

USES

- At least one surface must be porous.
- In damp, cold or humid conditions curing time may be significantly extended.
- Do not use in permanently damp/wet conditions.
- Do not use in situations where both surfaces are non-porous (e.g. plastic/plastic or metal/metal).

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surfaces to be glued should be clean and free from dust, grease and other contaminants. Wood, plaster and brick may be damp but not running wet (NOTE: this will slow down the drying time). Use mechanical abrasion to clean porous surfaces if necessary before application

APPLICATION METHOD / TOOLS

- Surfaces must be sound, clean, dry and free from dust, grease, loose material etc.
- At least one surface must be porous.
- Prime dusty surfaces with Sikabond® PVA+ 1:4 with water and allow to dry.
- Cartridge: apply using a standard sealant gun, cut tip of cartridge, apply nozzle and cut an opening to suit the required bead size.
- For bonding heavy items (plasterboard/worktops/wall panels, etc) apply adhesive all the way around the edge of the item (30-50 mm from edge) and cover back with beads of adhesive at 300 mm intervals. Alternatively, apply adhesive direct to battens and press into place.
- With heavy items, always provide temporary support until the adhesive dries.
- For bonding lightweight items (covings, dado rails, skirting, etc) apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap-filling is required, mark the areas where there is a large gap and apply a thicker bead to these areas.
- In all cases, clean up excess adhesive immediately with a damp cloth or Sika® Wonder Wipes.

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 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 recom-

mendations, 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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