

PRODUCT DATA SHEET

Nailbond® SuperGrip 2 Hour

PREMIUM POLYURETHANE CONSTRUCTION ADHESIVE

DESCRIPTION

A transparent polyurethane paste adhesive. Nailbond® SuperGrip 2 Hour is a versatile, ready to use general purpose construction adhesive.

USES

Bonding of:

- Particle board flooring
- Timber & MDF
- Marble & stone
- Concrete
- Brick/blocks
- Glass
- Fibre cement
- Tiles
- Rubber
- Metals
- Aluminium

CHARACTERISTICS / ADVANTAGES

- 100% waterproof (BS-EN204)
- Incredibly strong
- Bonds almost anything, including LOSP treated timber
- Non drip
- No shrinkage
- Cures in 2 hours*
- Interior and exterior use
- High temperature resistance (minus 30°C to +100°C)
- Cures transparent
- Does not stain

PRODUCT INFORMATION

Chemical Base	Transparent polyurethane paste
Packaging	310 ml cartridge, box of 12.
Colour	Translucent
Shelf Life	Twelve (12) months from date of production when stored per the conditions stated below.
Storage Conditions	Store in original, unopened packaging in cool, dry conditions.
Density	1.12 g/cm ³
Solid content by weight	~100%
Service Temperature	-30°C to +100°C
Ambient Air Temperature	Application temperature: +5°C to +35°C

Curing Time	Approximately 2 hours, *depending on temperature, moisture content of surfaces and adhesive thickness. Strength will increase over the next 24 hours.
Open Time	Relocation time = approx. 30 minutes depending on temperature and ventilation

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean and free from all dust, laitance, scale, rust, loose particles, grease and foreign matter.

APPLICATION METHOD / TOOLS

GUN APPLICATION:

- Cut end off cartridge nozzle at a 45° angle to give a 5-6 mm bead. Fit cartridge into a Sika gun.
- Apply adhesive thinly to one surface, or both surfaces if very porous or absorbent.
- Join surfaces within 30 minutes. A perfect fit is required for a watertight bond. Clamping or pressing will increase bond strength.
- Clamp time: 1-2 hours at 15°C to 20°C. Clamp for longer if the temperature is below 10°C or substrate is damp.

CLEANING OF TOOLS

- Clean up with acetone or white spirit.
- Cured adhesive can only be removed mechanically.

LIMITATIONS

- One or both of the materials to be bonded must be porous.
- Gap filling capacity is limited.
- Gap-filling performance may be enhanced by a slight moistening of the substrate surfaces.
- A perfect fit of components is required for a watertight bond.
- Surfaces may be damp or slightly moist, but all free liquid water must be removed.
- Fastest bond time will be achieved with dry substrates. It is best practice to increase the clamp time when using damp materials.

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.

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.

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.

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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