BUILDING TRUST

PRODUCT DATA SHEET

SikaBond®-145 SuperGrip

FAST CURING PREMIUM POLYURETHANE CONSTRUCTION ADHESIVE

DESCRIPTION

SikaBond®-145 SuperGrip is a premium grade one-component polyurethane construction adhesive with good initial grab and high strength after 30 minutes^. SikaBond®-145 SuperGrip is a versatile, fast curing, general purpose construction adhesive suitable for interior and exterior use.

USES

SikaBond®-145 SuperGrip is suitable for use in construction and repair applications where a permanent strong bond is required between porous-nonporous surfaces. Suitable for bonding common construction materials such as:

- Wood & MDF
- Concrete & fibre cement
- Brick & blocks
- Metal & aluminium
- Polystrene
- Polyurethane foam
- Some PVC
- Marble & stone
- Granite
- Ceramic tile
- LOSP Timber

FEATURES

- One-component
- Interior & exterior
- Non-shrink
- Non-sag
- High initial grab
- Strong bond
- Adheres rapidly
- Stong bond in 30 minutes^
- Fast curing
- Solvent-free
- Resistant to heat
- Resistant to weathering
- Applies white, can dry translucent if applied in thin layers

^See Curing time below.

PRODUCT INFORMATION

Composition	Polyurethane	
Packaging	310ml Cartridge	
Colour	Applies white (may dry translucent if applied if thin layers)	
Shelf life	12 months if storage conditions are met.	
Storage conditions	SikaBond®-145 SuperGrip stored in original, unopened packaging in cool, dry conditions at temperatures between +5°C and +25°C.	
Density	~1.15 g/cm³	(DIN 53479)

Service temperature	-30° C to +100° C
Open Time	Relocation time is approximately 5~10 minutues depending on temperature and ventilation.
Curing time	Approximately 30 minutes for initial bond strength, depending on temperature, moisture content of surfaces and adhesive thickness. Some non-porous substrates (such as metal) may require 1 hour to reach initial bond strength. Strength will increase over the next 24 hours.

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

- One or both of the materials to be bonded must be porous.
- For non-porous substrates such as metal clamp for 1 hour.
- 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.
- Do not expose to direct sunlight or temperatures above 50°C or to freezing temperatures. Keep the product within the specified storage conditions.

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 and free from all dust, laitance, scale, rust, loose particles, grease and foreign matter.

APPLICATION METHOD / TOOLS

1. Cut end off cartridge nozzle at a 45° angle to give a 5-6 mm bead.
2. Fit cartridge into a suitable Sika gun.
3. Apply adhesive in thin layers to one surface, or both surfaces if they are both very porous or absorbent.
4. Join surfaces within 5 minutes.
   A perfect fit is required for a watertight bond.
5. Clamp the substrates during adhesive cure.
   Clamp time is 30 minutes at +15°C to +20°C.
   Clamp for longer if the temperature is below +10°C or if the substrate is damp or non-porous.
6. Remove clamp when sufficient bond strength is achieved.

CLEANING OF EQUIPMENT

Clean up tools and equipment with acetone or white spirit. Cured adhesive 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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