

SikaBond®

High Strength Multipurpose Adhesive

Construction

Description	SikaBond is a high strength contact 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 can be used on most substrates due to it's excellent adhesion. These include: <ul style="list-style-type: none"> • Floor and wall panels. • Wood, plasterboard and chipboard. • Aluminium, iron and steel. • Concrete, cement sheeting and masonry.
Advantages	<ul style="list-style-type: none"> • One component ready to use. • Fast drying time. • Easy to use. • High adhesion strength. • Non-slump.
Storage and Shelf Life	Stored in the original sealed packaging at temperatures of between 5°C and 35°C, this material will keep for at least twelve two (2) years.
Instructions for Use	
Surface 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 must be removed and light sanding is recommended.
Application	<p><i>One Way Method:</i> This method is recommended for heavier panels or where load or stress is expected. Apply a 4 to 6mm bead of SikaBond 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.</p> <p><i>Two Way Method:</i> 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.</p>
Cleaning	Clean all tools and equipment immediately after use with Sika Colma Cleaner. Hardened material can only be removed by mechanical means.

Technical Data (Typical)

Colour	Beige	
Density	1.08 kg/litre approx.	
Bond Strength	Initial bond strength	240KPa
	Tensile shear (dry substrate)	1.6MPa
	Tensile shear (wet substrate)	1.9MPa
	Peel strength	80 N
	Shear static load	50 hours
Packaging	300 gram cartridge (12 cartridges per box)	

Handling Precautions

- Avoid contact with skin and eyes.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water, seek medical attention without delay.
- A full Material Safety Data sheet is available from Sika on request.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

Construction

