

SikaBond® -T55(J)

Timber Flooring Adhesive

Description	SikaBond® -T55(J) is a one-part polyurethane adhesive for direct elastic bonding of timber floors. This is a low viscosity adhesive, cures on exposure to atmospheric moisture.
Uses	SikaBond® -T55(J) is an elastic timber flooring adhesive suitable for bonding parquetry strip floor panels to concrete or timber floors (both new or existing), or as an underlay prior to timber flooring.
Advantages	<ul style="list-style-type: none"> ■ One part, easy to use. ■ Excellent elasticity. ■ Excellent sound dampening qualities. ■ Parquetry floor can be sanded after 12 hours. ■ Quick tack free time. ■ Low odour. ■ Excellent bead stability.
Storage shelf life	Stored in the original sealed container at a temperature range between 0°C and 25°C, this material will keep for a minimum of nine months.
Instructions for use Surface preparation	Surfaces must be clean, dry and free from all traces of contamination and loose material. The surface must be structurally sound before application. Any previous coatings or adhesives must be completely removed. To prevent moisture migration and any swelling or cupping of the timber, it is recommended that ground floor slabs be coated with Sika® Primer MB if excessive moisture is present in the concrete.
Priming	<p>The moisture content should be measured in accordance with the Floor Coverings Standard. AS 1884-1965. A method of testing concrete moisture is given in the appendix of this standard.</p> <p>When the moisture content of the concrete is less than 4% (Tramex/ Gravimetric weight percent) the substrate is considered suitable for SikaBond® -T55(J) to be applied without a primer. (Depending on condition of substrate).</p> <p>When the moisture content of the concrete is found to be between 4% and 6% (Tramex/Gravimetric weight percent) Sika® Primer MB must be used as a primer before applying SikaBond® -T55(J).</p> <p>When the moisture content of the concrete is greater than the 6% please consult Sika Technical Department for further information. When priming with Sika® Primer MB, a continuous visible film of cured epoxy must be observed on the surface. The application rate will depend on the porosity of the substrate.</p>



Application	<p>Available in both 16kg pail & 2kg sausage pack. The sausages can be opened by cutting the end with a knife and squeeze the SikaBond® -T55(J) onto the substrate</p> <p>Pail : Remove lid off pail and cut open foil liner. Once opened, the entire contents of the pail should be used within a short period of time. Do not apply SikaBond® -T55(J) at temperatures below 5°C or above 35°C. The optimum temperature for substrate and adhesive is between 15°C and 25°C.</p> <p>The adhesive should be applied over large surface areas with a notched spreader (notch depth approx. 4 mm). The coverage will vary from 0.5kg. to 1.3kg. per m². Depending on the condition of the substrate.</p> <p>Press the wood floor elements firmly into the adhesive so that the wood floor underside is fully wetted. The elements can then be joined together using a hammer and a impact block. Many types of wood floors have to be tapped from the top. A distance of 10 mm from the wall to the wood floor must be observed.</p> <p>Fresh, uncured adhesive remaining on the wood floor surface must be Construction removed immediately with a clean cloth and if necessary cleaned with Sika Colma Cleaner. Test wood floor surfaces for compatibility before use. For application details of timber flooring systems, contact the timber manufacturer</p>
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Technical Data (Typical)

Basic	One part polyurethane
Colour	Ochre
Density	1.35kg/ltr (uncured)
Viscosity	30 Pa.s at 20°C.
Tack free time (at 23°C & 50% R.H.)	60-90 minutes (Depending on the rate of humidity)
Rate of cure (at 23°C & 50% R.H.)	3mm in first 24 hours (approximately) (Depending on the rate of humidity)
Shrinkage (DIN52451)	5%
Shore A (DIN53505)	38
Tensile Strength (DIN53504)	>1.0 MPa
Elongation at break (DIN53504)	>400%
Tear strength	>6 MPa
Service temperature	-40°C to 80°C
Packaging	2kg pack / 16kg pail/ 600 ml pack.
Cleaning	Uncured SikaBond® -T55(J) can be removed from tools and equipment, using Sika® Remover-208. Cured material can only be removed mechanically.

Important Notes

- SikaBond® -T55(J) is resistant to water, diluted acids, and diluted caustic solutions. It is temporarily resistant to fuel, animal fats and oils. It is NOT resistant to organic acids, concentrated mineral acids and concentrated caustic solutions.
- SikaBond® -T55(J) can be overpainted when tack free. Compatibility tests must first be carried out. It should be understood that the hardness and film thickness of the paint may impair the elasticity of the sealant and lead to cracking of the paint film.

Limitation

- Wooden floor systems should only be applied to cementitious substrates when the moisture content is below 4.0%
- SikaBond® -T55(J) is not recommended as a stand alone coating.
- Flooring materials should be applied immediately the application of SikaBond® -T55(J).
- Timber flooring systems should be allowed to acclimatise to the environment it is to be placed in to allow for expansion and shrinkage problems that may occur. Refer to the timber manufacturers installation and design procedures.

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, flush with warm water and seek medical attention without delay.
- A full Material Safety Data Sheet is available from Sika on request.

Disclaimer

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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