

PRODUCT DATA SHEET

Sika® Acoustic Matt

SOUND INSULATING SYSTEM FOR TIMBER FLOORING

DESCRIPTION

The Sika® Acoustic Matt system consists of the sound dampening, one component adhesive, SikaBond®-T55 (J) and the Sika Acoustic Rubber Matt.

USES

The Sika® Acoustic Matt is used to bond timber floors in residential, office and industrial buildings. The system provides a sound dampening effect improving the acoustic insulation of a room.

CHARACTERISTICS / ADVANTAGES

- Reduced noise and vibration transmission.
- Low floor zone thickness.
- Remains permanently flexible.
- Thin construction with high performance.
- Simple and easy to install.
- Available in a variety of sheets, sizes, strips or pads.
- Resists ageing and deformation.
- Consistent density and thickness for maximum performance
- Use of Australian recycled rubbers.

PRODUCT INFORMATION

Composition	Prefabricated medium density rubber.	
Packaging	3mm - 1.2m x 15m 5mm - 1m x 1m	
Appearance / Colour	Black	
Shelf life	5 years	
Storage conditions	Product must be stored under cover in a dry cool place.	
Density	600 - 850 kg/m ³	
Dimensions	3 mm	1.2 m x 15 m roll
	5 mm	1 m x 1 m
Thickness	3mm or 5mm	

SYSTEMS

Compatibility	Compatible with SikaBond® T55 (J). Please refer to the SikaBond® T55 (J) for further information.
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APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry, sound and free from dust, loose particles and friable materials. Paint, laitance and other poorly adhering particles must be removed by grinding. Standard construction rules or the timber manufacturer's instructions regarding moisture content of concrete, cement screeds or wooden substrates must be observed.

Concrete/cement screed substrate: No preparation is necessary on a dry, dense, wearable substrate. For other substrate conditions, the floor must be grinded and thoroughly cleaned with an industrial vacuum cleaner. (Important: Pre-Trials absolutely necessary)
Other substrates: In case of flowable screeds and other unknown substrates we recommend that you consult your local Sika Technical Representative.

Priming

The moisture content should be measured in accordance with the Floor Coverings Standard, AS1884-1985. A method of testing concrete moisture is given in the appendix of this standard. When the moisture content of the concrete is found to be below 5.5%, the substrate is generally considered suitable for SikaBond®-T55 (J) to be applied without a primer. When the moisture content of the concrete is found to be greater than 5.5%, Sika® Primer MB must be used as a primer before applying SikaBond®-T55 (J). When the moisture content of recently placed concrete is greater than 10%, EpoCem (Sikafloor®-81 EpoCem® or Sikagard®-720 EpoCem®) should be used as a temporary moisture barrier. Sika Primer MB should then be used as a primer coat before applying SikaBond®-T55 (J). 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. Older slabs indicating high moisture readings should be investigated to identify why the moisture content is high before proceeding.

APPLICATION METHOD / TOOLS

Apply a layer of SikaBond® T55 (J) as per the instructions in the PDS.

Apply firm pressure when bringing the Acoustic Matt in contact with the SikaBond® T55 (J). After twelve hours of application of the Acoustic Matt, screed another layer of SikaBond® T55 (J) to the Matt and apply timber planks. Keep the components under pressure for at least 3 hours until the adhesive has partially cured.

For application details of timber flooring systems, contact the timber manufacturer.

FURTHER INFORMATION

Further Documents

- SikaBond® T55 (J) PDS
- Sika® Primer MB PDS

IMPORTANT CONSIDERATIONS

- Floors can be walked on 24 hours after installation

(no traffic or heavy concentrated loads). The floor is fully serviceable after 48 hours.

- For proper curing of the SikaBond®-T55 (J), it must be allowed to moisture cure (i.e. either from the substance or the air).
- SikaBond®-T55 (J) should not be used on polyethylene, polypropylene, Teflon & other plasticised synthetic materials. (Trials should be conducted if in doubt).
- Consult Sika® Primer MB PDS for detailed priming information.
- 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 manufacturer's installation and design procedures.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For Product is an article. No safety data sheet required.

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.

Sika Australia Pty Limited

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48



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