

PRODUCT DATA SHEET

SikaBond® MS Wood Floor Gun Grade

High quality, gun-applied wood flooring adhesive

PRODUCT DESCRIPTION

SikaBond® MS Wood Floor Gun Grade is a high quality, gun-applied MS adhesive for bonding wooden floors to all common substrates. Being permanently elastic it accommodates differential movement caused by changes in humidity and climatic conditions. When used as part of the Sika® AcouBond® system, it is ideal for use with underfloor heating systems.

USES

Bonds directly to all common subfloor materials:

- Concrete
- Anhydrite
- Chipboard
- Plywood
- Metal
- Ceramic tiles
- Most natural stone floors.

Note: for other substrates call Sika Technical Services.

CHARACTERISTICS / ADVANTAGES

- Water free – will not cause warpage or curl of wood blocks/planks.
- Permanently flexible – compensates for subfloor movement.
- Suitable for use with underfloor heating (due to high flexibility).
- Odourless.
- Excellent gap filling properties for uneven surfaces.
- Bonds to all common subfloor materials

PRODUCT INFORMATION

Packaging	600 ml foils
Colour	Parquet Brown
Shelf Life	12 months from date of manufacture when stored as directed
Storage Conditions	Store upright in original, tightly sealed container, and in a dry, cool and well ventilated area between +5°C and +25°C, protected from sunlight and frost.
Density	1.5 - 1.6 g/cm ³ at 20°C

APPLICATION INFORMATION

Consumption	2 m ² per 600 ml foil pack
Curing Time	Complete cure after 36-48 hours depending on porosity or substrates and ambient conditions

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be sound, clean, dry and free from dust, grease or other contaminants that can affect adhesion. Existing floors must be free from all polish/wax/silicone/sealers etc.

For cement based substrates with a moisture content >2 % CM (Carbide Method) but < 4 % CM, apply SikaBond® Primer-MB or SikaBond® Rapid DPM as a liquid damp proofing membrane. N.B Never apply damp proof membranes on top of a wet anhydrite screed. Always check moisture content of subfloor and record readings. If in doubt please consult a specialist. Where moisture levels are above those recommended by the flooring manufacturer but below 4 % CM (6 % Tramex), prime with SikaBond® Primer-MB or SikaBond® Rapid DPM.

Basement/below ground floors: ensure climatic conditions are appropriate for the installation of wood flooring. Flooring substrate must be adequately protected from moisture ingress under hydrostatic pressure. Where a vapour barrier is required apply two coats of SikaBond® Primer-MB or SikaBond® Rapid DPM.

All underfloor heating systems should be fully commissioned prior to installation of any floor finishes. Turn off any underfloor heating systems 24 hours before, and until 24 hours after, applying the adhesive. Flooring should be acclimatised for several days in the room where it is to be installed.

APPLICATION METHOD / TOOLS

Remove metal sealing clip from the foil pack and place into a suitable barrel gun. Screw on pre-cut 'V' shaped nozzle, hold the gun at 90 degrees to the floor, and extrude out a triangular shaped bead approx. 8 mm wide and 10 mm high at maximum 250 mm centres, at right angles to the length of the wood plank. Place wood in position whilst adhesive is still wet (within 30 mins). Press firmly and tap into position with a mallet. Ensure you leave a 12-15 mm expansion gap along walls and around surface protrusions for the wood to expand. Always check with flooring manufacturer for specific instructions relating to their flooring. Always carry out installations and sub-floor preparation in line with relevant British or International standards.

CLEANING OF TOOLS

Fresh, uncured adhesive remaining on the wood surface must be removed immediately and if necessary cleaned with Sika® Remover-208. Test wood floor surfaces for compatibility with Sika® Remover-208 before use. Cured adhesive may be removed from prefinished flooring using a suitable plastic scraper and/or pencil eraser.

LIMITATIONS

- Do not use directly on bitumen or asphalt floors, or substrates that bleed oil or plasticisers.
- Do not use, store or allow to cure below +5 °C.
- Do not use externally.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains 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.

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Product Data Sheet

SikaBond® MS Wood

Floor Gun Grade

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