

GUIDANCE NOTES

SikaBond® Wood Floor Installation Kit

SURFACE PREPARATION

- Please ensure substrate is dry and suitable to receive a wooden floor. If in doubt ask your supplier for **Sika® Primer MB** or **SikaBond® Rapid DPM**.
- Concrete / cement screed: Must have an open texture, be dry and thoroughly cleaned with industrial vacuum cleaner.
- Anhydrite screed / Calcium Sulphate screed: Must be completely dry, ground and thoroughly cleaned with an industrial vacuum cleaner shortly before bonding starts. NOTE: Not to be used in conjunction with damp proof membranes.
- Broadcast mastic asphalt: Must be primed with **Sika® Primer MB** or **SikaBond® Rapid DPM** (see local Data Sheets for application instructions).
- Glazed ceramic and old ceramic tiles: Degrease, clean with **Sika® Remover-208** or grind the tile-surface and clean thoroughly with an industrial vacuum cleaner.
- Wood- / gypsum boards (e.g. chipboards, plywood): Glue / screw the boards to the substructure. They have to be fixed on the substrate. In the case of floating subfloors, please contact our Technical Department.
- Unknown substrates: Please contact our Technical Department.
- **SikaBond® MS Wood Floor Adhesive** can be used without priming on cement floors, anhydrite floors, chip boards, concrete and ceramic tiles, steel access floors, plywood and most common substrates.
- For broadcast mastic asphalt, cement floors with an excessive moisture content, as well in case of renovation on old adhesive residues and on structurally weak substrates use **Sika® Primer MB** or **SikaBond® Rapid DPM** (for detailed instructions consult Product Data Sheets or contact our Technical Department).

METHOD 1 - APPLICATION

Bead Application: After the preparation of sausage and gun, extrude a triangular shaped bead of adhesive approximately 10 mm high and 8 mm wide at 100-250 mm centres (dependent on wood floor type) on the properly prepared subfloor. Press the wood floor elements firmly in to the adhesive (at right angles with adhesive beads). The elements can then be joined together using a hammer and an impact block. Ensure a perimeter gap of 20-15mm is maintained between walls and flooring.

METHOD 2 - APPLICATION

Sika® Silent Layer Mat application: roll out the mat so the pre-cut slots are at 90° to the direction of the wood flooring. Gun adhesive into the slots ensuring all openings are filled with a triangular bead of adhesive 10mm high by 8mm wide. Place timber onto adhesive and mat. Use a block and mallet to close joints in wood floor as required. Allow to fully cure overnight. Fresh, uncured adhesive remaining on the wood floor surface must be removed immediately with a clean cloth and if necessary cleaned with **Sika® Remover-208**. Test wood floor surfaces for compatibility with **Sika® Remover-208** before use. The laying instructions of the wood floor manufacturer as well as standard construction rules must be observed. After installation, allow adhesive to fully cure before replacing furniture, normally overnight.

LIMITATIONS

For better workability the adhesive temperature must be at least +15°C. For the proper curing of the adhesive sufficient ambient moisture is necessary.

The minimum wood sizes are:

Length	Width	Thickness
Must go over at least 3 adhesive beads	>50mm	12-28mm (must not exceed 28mm)

Wood floors in non insulated areas such as basements, or other areas without a damp proof membrane, can only be installed after the application of **Sikafloor® EpoCem** and **Sika® Primer MB** or **SikaBond® Rapid DPM** to control the moisture. For detailed instructions consult the Product Data Sheets or contact our Technical Department. In case of chemically pre-treated types of wood floors (e.g. ammonia, wood stain, timber preservative) and woods with high oil content, **SikaBond® MS Wood Floor Adhesive** is only to be used after a written recommendation from our Technical Department. Do not use on PE, PP, TEFLON, and certain plasticised synthetic materials (carry out pre-trials or contact our Technical Department). Some primers can negatively influence the adhesion of **SikaBond® MS Wood Floor Adhesive** (pre trials recommended).

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