

SikaBond®-T52

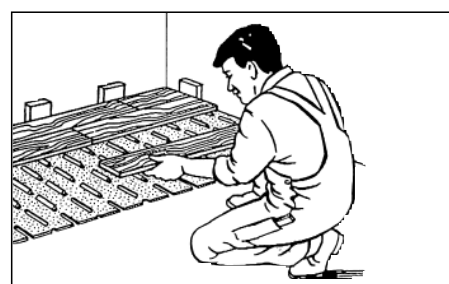
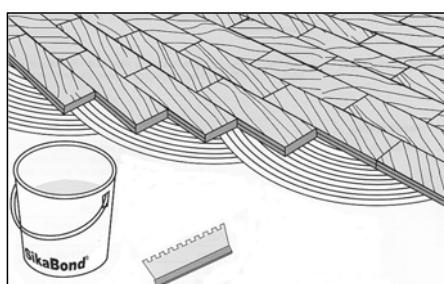
Solvent-free elastic adhesive for
parquet flooring



Construction

Product description: SikaBond-T52 is a 1-component, solvent-free and anhydrous elastic adhesive.

Fields of application: SikaBond-T52 glues solid parquet flooring, strip parquet (groove and tongue), mosaic parquet, prefabricated parquet as well as boards, on-edge slats and laminate floorings. SikaBond-T52 is the adhesive used with the SikaAcouBond System, the adhesive laying system for prefabricated parquet and laminated floor coverings.



- Properties:**
- 1-component, ready to use
 - solvent-free
 - very low-emission EC 1
 - odourless
 - elastic, footfall-sound-damping adhesive
 - suitable for common types of parquet wood
 - especially for problematic wood such as solid beech
 - suitable for bonding parquet flooring directly onto old tiles
 - reduces stress on the substrate: the elastic and material-compatible adhesive reduces transverse stress between the parquet and the substrate
 - suitable for floor heating

Packaging: 13 kg metal buckets (= 10,1 litre)
Sausages à 600 ml (20 sausages in a box)

Consumption:

Parquet	Spatulascallop	Consumption g/m ²
Mosaic parquet, on-edge-slat, lamparquet, 2-shift prefabricated parquet	B 3	700-900 g/m ²
Solid parquet strips, boards, prefabricated parquet	AP 48 (B 11)	800-1000 g/m ²
Laminate	B 3 or AP 48 (B 11)	700-900 g/m ² or 800-1000 g/m ²

For bonding of long boards if necessary, a spatula with higher grooves should be used.



Colour: Parquet brown

Shelf-life: 9 months if kept in original sealed containers in a dry and cool environment at temperatures between + 10°C and + 25°C.

Technical data:

Characteristic values		Remarks
Chemical basis	Polyurethane	
Density	1.29 g/ml	DIN 53 479
Elongation at break	approx. 900%	DIN 52 504
Laying time (skinning time)	1 - 2 h	Standard climate acc. to DIN 50 014-23/50-2
Final curing	3.5 mm/24 h	Standard climate acc. to DIN 50 014-23/50-2
Grinding/ loading	after 24-48 h	Depending on temperature and adhesive thickness
EMICODE	EC 1	very low-emission
GISCODE	PU 10	Solvent-free
Temperature resistance	from - 40°C to + 80°C	Suitable for floor heating

Application

Conditions of substrate: The substrate must be ready for laying, e.g. even, dense, clean, dry, without cracks and dust.

Check requirements for use according to VOB Part C DIN 18 356 „Parquet Laying“.

The applicable conditions of use are to be complied with.

Conditions of use:

	Room temperature	Substrate temperature	
Parquet and other floor coverings	between + 15°C and + 35°C	at least + 15°C	maximum 20°C in the case of heating strips
	Air humidity limit		
	between 40 and 75% relative air humidity		
	Permissible moisture levels of screed		
	Cement flooring	Anhydrite flooring	Magnesia flooring
	≤ 2.5% CM	≤ 0.5% CM	3 – 12% CM depending on the proportion of organic components
	Permissible moisture levels of screed in the case of heating strips		
≤ 1.8% CM	≤ 0.3% CM	3 – 12% CM depending on the proportion of organic components	

Screed surfaces are to be ground, e.g. with single-disk grinding machines, until a hard, firm and gripping surface is achieved. The surface must then be cleaned thoroughly with an industrial vacuum cleaner until it is free of dust.

Mastic asphalt blinded with sand must be primed with Sika Primer MB. For use, see technical data sheet for Sika Primer MB, DS-Code E3131.

Degrease and clean glazed ceramic old floor tiles with Reinigungsmittel 5 or grind the tile-surface and clean thoroughly with an industrial vacuum cleaner.

For floating chipboards and other substrates please contact our technical service.

At cement flooring with a moisture of 4%, SikaBond-T52 can be used in combination with Sika Primer MB as moisture barrier. Sika Primer MB must not be blinded.

Application methods:

SikaBond-T52 can be used without pre-coating on cement screed, anhydrite screed, particle board, concrete, dry floor screed and tiles.

Bonding:

SikaBond-T52 is applied to the substrate directly out of the container and uniformly distributed with a serrated trowel.

The laying time with SikaBond-T52 adhesive is approximately 1 hour.

Press the parquet elements into the adhesive firmly so that the back of the parquet is fully wetted all over. Many types of parquet flooring then have to be tapped. A distance of 10 mm from the wall must be adhered to, e.g. with wedges.

Fresh adhesive on the top surface of the parquet must be cleaned immediately with a clean cloth and if necessary cleaned with Sika Remover 208.

Cured adhesive residues can only be removed mechanically.

Grinding/loading:

After 24-48 hours, can be ground and subjected to full loading, depending on temperature and adhesive thickness.

Limits:

In case of chemically pre-treated types of parquet wood (e.g. ammonium, wood stain, timber preservative,...) and woods with high oil content SikaBond-T52 is only to be used after a written recommendation from our technical department.

Do not mix or expose SikaBond-T52 to Isocyanate reactive substances (e.g. these are usually components of alcohol and thinner).

Some primers can negatively influence the adhesion properties of SikaBond-T52 (pre trials recommended).

The laying instructions of the parquet manufacturer must be complied with.

**Precautionary measures/
Disposal:**

Detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheets.

Local regulations as well as health and safety advice on containers must be observed.

During application in closed rooms, pits and shafts etc. sufficient ventilation must be provided. Keep away open light including welding.

In a liquid state the products as well as the thinner contaminate water and should not get into drains, water and ground.

In any case remnants of thinner and material must be removed according to regulations. Fully cured material can be disposed of as household waste.

"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 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 to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied upon request."



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