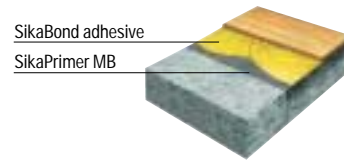


Sika® Primer MB Moisture Regulator



Sika®Primer MB is a moisture regulator compound, which is applied to cement type substrates and permits wood flooring installation as soon as the moisture content of the substrate is down to 4%. Installation time may thus be shortened up to 4 weeks.

| | | Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-------------------------------------|--------------------------------------|------|---|---|---|---|---|---|---|---|---|----|----|
| Conventional Construction Programme | Curing period cementitious substrate | | | | | | | | | | | | |
| | Parquet/Wooden floor bonding | | | | | | | | | | | | |
| | Parquet/Wooden floor walkable | | | | | | | | | | | | |
| Sika System Solution | Sika®Primer MB | | | | | | | | | | | | |
| | Curing period cementitious substrate | | | | | | | | | | | | |
| | Parquet/Wooden floor bonding | | | | | | | | | | | | |
| | Parquet/Wooden floor walkable | | | | | | | | | | | | |

Depending on country-specific requirements, wooden floor systems should only be applied onto cementitious substrates when the moisture is below e.g. 2% (below 1.5% with subfloor heating). In order to achieve this low value, one has to wait between 8 – 10 weeks depending on the climatic condition. Today construction periods are getting shorter all the time which makes it difficult to wait long enough to meet the above requirements. With Sika®Primer MB applied as a moisture regulator, the wooden floor can be laid 4 – 6 weeks earlier.

Auxiliary Products

- Sika self-levelling mortar
- Sika®Primer-215 for difficult to bond substrates
- Sika hand-cleaner and cleaning towels
- Application trowels
- Sika cartridge and sausage guns
- Sikadur®-31

3 Key Advantages of Sika® Wood Floor Systems

All three systems are basically carrying three important USPs to all our customers:



■ Sound

One of the big problems of house owners, architects, real estate companies etc. is the sound transmitted by parquet/wooden floors. SikaBond® elastic adhesive systems are reducing impact noise, airborne noise and footfall sound tremendously. Note that a footfall sound reduction of up to 10 dB is equal to half of the volume you heard before.



■ Time

SikaBond® elastic adhesive systems save time as they are all 1-component products and do not require any primer. They do not cause the wood to swell, which means that the floor is ready for grinding much sooner; this pays off, saving time and money.



■ Aesthetics

SikaBond® elastic adhesive systems do not limit architects and house owners in their choice of different woods. SikaBond® bonds them all – as well as ceramic tiles, stone, metals etc. – to basically all different substrates.

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Our most current General Sales Conditions shall apply. Please consult the Product Data Sheet prior to any use and processing.



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Construction



SikaBond® A Guide to Wood Floor Bonding

The Product Range

The Adhesives



PU/-Hybrid, Solvent-free Adhesive

SikaBond®-T54
SikaBond®-64 AT

Applications

Full Surface Bonding
Sika® AcouBond System
Cordon Application



PU, Solvent-containing Adhesive

SikaBond®-T55
SikaBond®-T53

All SikaBond® wood floor adhesives are 1-component. For details please refer to the relevant Product Data Sheets.

The Mats



| Product | Density kg/m³ | Thickness mm | Width mm | Length m | m²/Roll |
|-----------------------------|---------------|--------------|----------|----------|---------|
| Sika®Layer-03 (grey colour) | 30 | 3 | 1500 | 16.7 | 25 |
| Sika®Layer-05 (grey colour) | 30 | 5 | 1500 | 13.3 | 20 |

Sika®Layer-03 and Sika®Layer-05 mats are both made of PE foam and are part of the Sika® AcouBond System, which meets the highest noise insulation requirements.

1 roll of Sika®Layer-03/05 requires 1 box of 20 × 600 ml of SikaBond®-T52/-T53/-62 AT.

For more information on Sika visit www.barbourproductsearch.info

Guide to Wood Floor Bonding with SikaBond®



| | Sika® AcouBond System | Full Surface Bonding | Cordon Application |
|----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Products | SikaBond®-T52 SikaBond®-T53 SikaBond®-62 AT Sika®Layer-03 Sika®Layer-05 | SikaBond®-T54 SikaBond®-T55 SikaBond®-64 AT | SikaBond®-T52 SikaBond®-T53 SikaBond®-62 AT |
| Typical consumption | 400 ml/m ² with 3 mm mat 600 ml/m ² with 5 mm mat | 650 – 800 ml/m ² | 200 – 300 ml/m ² |
| Reduction of impact noise | ++ ++ ++ ++ | ++ | ++ |
| Audibility level | ++ | ++ | ++ |
| Walking comfort | ++ | + | ++ |
| Adhesion strength | ++ | ++ | ++ |
| Compensation of surface irregularities | ++ | + | ++ |
| Performance level | First class | Business class | Economy class |

1 Applications



Nozzle Cut – Bulk Gun

- 1 Prepare substrate properly.
- 2 Pre-cut nozzle as shown to give a “V”-shaped profile approximately 10 mm high x 8 mm wide.
- 3 Insert SikaBond sausage into bulk gun and screw on nozzle.

2



Laying Mat and Gunning out

- 1 Roll out SikaLayer mat at right angles to the proposed direction of the wood.
- 2 Extrude triangular shaped beads of SikaBond adhesive approximately 10 mm high x 8 mm wide into all of the cut-out-slots.

3



Placing Wood

- 1 Place wood within 1/2 hour to required line and level, adjusting with a mallet and block, if required.

4



Grinding and Finishing

- 1 After a minimum of 24 hours waiting time, the wood can be ground and finished as required.



Pouring

- 1 Prepare substrate properly.
- 2 Pour sufficient SikaBond adhesive ensuring that wood is placed before surface skin has formed.



Troweling out

- 1 Using a square-notched trowel spread the adhesive evenly at a minimum consumption of 0.8 kg/m².



Placing Wood

- 1 Place wood without delay to required line and level, adjusting with a mallet and block, if required.



Grinding and Finishing

- 1 After a minimum of 24 hours waiting time, the wood can be ground and finished as required.



Preparing Cartridges

- 1 Prepare substrate properly.
- 2 Pierce inner seal on cartridge.
- 3 Pre-cut nozzle as shown to give a “V”-shaped profile approximately 10 mm high x 8 mm wide.



Gunning out

- 1 Holding nozzles at right angles to the substrate, extrude a triangular-shaped bead of adhesive approximately 10 mm high x 8 mm wide at 250 mm centres.



Placing Wood

- 1 Within 1/2 hour, place the wood into the SikaBond adhesive whilst it is still tacky.
- 2 Firm to line and level using a mallet and block, if necessary.
- 3 Uncured adhesive can be easily removed using Sika Thinner C.



Grinding and Finishing

- 1 After a minimum of 24 hours waiting time, the wood can be ground and finished as required.

System Details

