

## BERGERBOND M1S

### Description

1-component adhesive on the basis of silane-modified polyurethane raw materials; elastic. It is solvent-free, anhydrous, does not contain phthalates and does not have any emollient interactions with Berger-Seidle sealing systems. Per DIN EN 14293 this adhesive is suited for the non-tension gluing of 10mm solid wood flooring, mosaic flooring, strip flooring and prefinished wood flooring. Suited also for the gluing of most exotic woods and industrial wood flooring. BergerBond M1S is solvent-free, contains no water and is suitable in-floor heating. BergerBond M1S allows for loss-free, quick and safe gluing.

### Certificates / Approvals



Giscode: RS10  
 Emicode: EC1  
 AbZ-Nr.: Z-155.10-415  
 ATFA: Compliant Product  
 NWFA: Compliant  
 MFMA: Compliant

### Technical data

Mixing ratio: not applicable  
 Processing/Laying time: 40-60 min.  
 Fit for walking on after: 4-6 h  
 Fit for further work after: 12 h  
 Final hardness after: 48 h  
 Flash-off time: no  
 Suitable for in-floor heating: yes

All data above is based on a standard climate (23°C and 50% rel. humidity). If the conditions differ from this standard, the times will also differ!

### Special advice

Do not use BERGERBOND M1S in conditions below + 15°C or above 65% relative humidity. In cold conditions the adhesive and flooring should be given time to reach the same temperature.

Adhesive residues of BERGERBOND M1S can be easily removed from a lacquered surface.

### Application

BERGERBOND M1S can be evenly applied with an appropriate serrated trowel (BERGERTOOL ZAHNSPACHTEL (toothed trowel) B7, B11, B15). Do not cover the subfloor with more than 1 m<sup>2</sup> of adhesive at one time. The size of the trowel depends on the subfloor and the kind of the wood.

With the adhesive spread, immediately lay the flooring and thoroughly press the boards into the adhesive.

Periodically check and make sure that at least 80% of the wood has direct bond contact.

### Consumption

900–1400 g/m<sup>2</sup> (50-90 sf/gal), depending on trowel serration, flooring type and subfloor. Uneven subfloors can require a larger notch and higher spread rates.

### Subfloor

The subfloor must be clean (free of contaminations), dry (permanently dry!), firm, flat and free of cracks. The subfloor is to be flat to no more 3mm beneath a 3m straight edge. Concrete slab subfloors should be no more than 4% moisture content by impedance meter or 85% in-slab relative humidity, but also noting that wood flooring manufacturers generally require drier slabs or moisture vapour barriers to be used.

BERGERBOND M1S can be applied over BERGERBOND PRIMER P, BERGERBOND PRIMER D and BERGERBOND PRIMER E.

When used with underfloor heating the subfloor needs to be primed with BERGERBOND PRIMER P. The primer must dry sufficiently before applying the adhesive (refer to the primer TDS for applicable drying times).

BERGERBOND M1S can be applied without priming on non-absorbing and absorbing subfloors.

### Storage / transport

Can be stored for at least 18 months from the date of production if transported and stored in cool and dry conditions, and if the original packaging is not opened. Protect from frost!

### Safety

Read label before use. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

### General remark

Please read the instructions carefully before using this product. This Berger-Seidle product must be used by - and is intended for - a qualified person in timber flooring. The adhesive shall be used in accordance with its intended use as outlined in this data sheet, and to the common and usual professional standards in the country of use. Any other use is considered as inappropriate and non-compliant. In cases of inappropriate use, the whole liability and responsibility is fully on the user. Manufacturer's warranty and liability is then fully excluded. Before using the product, the general and specific site and subfloor conditions have to be professionally controlled and documented to be compliant and in accordance with the above instructions.

### Further Reference

The following Technical Data Sheets should be read in conjunction with this data sheet:




- General recommendations for the usage of adhesives
- Marking and safety recommendations (SDS)
- Installation instructions by engineered flooring manufacturers and valid standards.

\* If the content of the Technical Data Sheet differs from other printed material, e.g. labels, the current version of the Technical Data Sheet on the homepage is always deemed valid. Printed material is always adapted when reprints are made.

## BERGERBOND M1S

### Adhesive trowel selection for recommended coverage

Provided below is guidance on the Berger-Seidle trowels and other trowel designs providing similar coverage.

Floorings Products	Berger-Seidle-Trowels		Coverage	
	Dimension	Sample	kg / m <sup>2</sup>	m <sup>2</sup> / L
Solid or engineered hardwood flooring	<b>B 11</b> 7.9mm x 6.1mm x 5mm		1.2 - 1.4	1.2 - 1.4
Solid or engineered hardwood flooring where a higher coverage rate is required	<b>B 15</b> 6.9mm x 5.6mm x 6.3mm		1.4 - 1.6	1.0 - 1.2
Finger parquet	<b>B 7</b> 4.4mm x 3.6mm x 3.9mm		~ 0.9	up to 2.0
<p>These trowel sizes are suggested to provide the ideal coverage of adhesive during installation. Periodically check and make sure that at least 80% of the wood has direct bond contact to ensure proper bonding between the flooring and subfloor. Uneven surfaces may require the use of either a self-levelling / patching material, or larger V notch trowel for proper coverage to adhesive.</p>				