

BERGERBOND M1

Description

1-component-SMP-adhesive on the basis of high wear silane-modified polyurethane raw materials. Per DIN EN 14293 resp. ISO 17178 this adhesive is suited for the non-tension gluing of 10 mm solid wood flooring, mosaic flooring, strip flooring, prefinished wood flooring as well as solid wooden floorboards. Suited also for the gluing of most exotic woods, wood-block RE/WE and industrial wood flooring. The product is also suitable for underfloor heating, chair castors and is sound insulated. It is solvent-free, contains no water and is free of softening interactions with other Berger-Seidle sealing systems - and is overall very low in emissions at the EC1-R level. In addition, BERGERBOND M1 is characterized by a very high bond strength, quick initial adhesion and strong, rapid hardening. BERGERBOND M1 allows loss-free, quick, hard-elastic and safe gluing.

Technical data

Mixing ratio:	not applicable
Giscode:	RS10
Ecode:	EC1-R
Processing/Laying time:	25-35 min.
Fit for walking on after:	3-5 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 are based on standard climate (23°C and 50% rel. humidity). If the conditions differ from this standard, the times will differ too!

Special advice

Do not use BERGERBOND M1 in conditions below + 15°C or above 65% rel. humidity. In the cold season adhesive and flooring elements should be given time to reach the same temperature.

Adhesive residues of BERGERBOND M1 can be easily removed.

Application

BERGERBOND M1 can be evenly applied with an appropriate serrated trowel (BERGERTOOL ZAHNSPACHTEL (toothed trowel) B3, B7, B11, B15). Do not cover with adhesive more than 1 m² at one time.

Immediately lay the flooring elements, thoroughly press.

Be sure that the flooring elements' underside is completely covered with adhesive.

Follow the structural components' extension joints.

Consumption

800–1.300 g/m², depending on trowel serration, flooring type and subfloor.

Subfloor

The subfloor must be clean (free of contaminations), dry (permanently dry!), firm, plane and free of cracks. The requirements of DIN 18356 "Wood flooring works" must be met.

BERGERBOND M1 CAN BE COMBINED WITH BERGERBOND PRIMER P, BERGERBOND PRIMER D AND BERGERBOND PRIMER E. FOR ANHYDRITE SCREEDS WE RECOMMEND BERGERBOND PRIMER P AND BERGERBOND PRIMER E.

If there is a risk of rising moisture, one has to check whether the relevant rules referring to the sealing against moisture have been complied with.

In case of underfloor heating the subfloor needs to be checked if it must be primed with BERGERBOND PRIMER P. The primer must dry sufficiently.

BERGERBOND M1 can be applied without priming on non-absorbing and absorbing subfloors (as for example on cement, anhydrite and anhydrite flowing screeds).

Storage / transport

Can be stored for at least 9 months as 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!

Cross reference

The following Technical Data Sheets should be observed:

- General recommendations for the usage of adhesives
- Marking and safety recommendations (MSDS)
- Installation instructions by hardwood floor manufacturers and valid standards