



WB MONO MS performance plus

SILANE ADHESIVE

Monocomponent silane adhesive specifically for gluing all types of wooden floors on cement-based sub-floors or on pre-existing non-absorbent floors (marble, tiles, flagstones, wood surfaces).

If applied evenly on the laying surface, WB MONO MS creates a waterproofing barrier that helps prevent damp rising up from concrete subfloors.

TECHNICAL CHARACTERISTICS:

- Monocomponent
- 100 % MS Technology
- High performance
- Suitable for gluing all types of wood flooring
- Easy to clean
- Free from isocyanates and amines
- Solvent-free
- Water-free
- ISO 17178 compliant: elastic

SPECIAL PROPERTIES:

	<p>Symbol EC1 PLUS Established using GEV criteria, classified as EMICODE EC1 PLUS: very low emissions.</p>
	<p>Emission class as per French regulations.</p>
	<p>Building product with emissions tested in accordance with the DIBt directive - glue for parquet. Z-155.10-367</p>
	<p>Suitable for underfloor systems</p>
	<p>Reduction of footfall noise</p>

WHERE IT CAN BE APPLIED:

- Absorbent and non-absorbent flooring
- Traditional cement screeds
- Anhydride screeds
- Calcium sulphate screeds
- Absorbent and non-absorbent subfloors with underfloor heating or cooling systems

The following can be glued to these surfaces:

- 10 mm non-locking solid wood elements (lamarquet) as per the DIN EN 13227 standard
- mosaic parquet as per the DIN EN 13488 standard
- (industrial) solid wood strips as per the DIN EN 14761 standard
- M/F interlocking solid oak wood boards with a max. width 18 cm or 20 cm as per the DIN EN 13226 standard
- multi-layer pre-finished floors as per the DIN EN 13489 standard
- cork flooring as per the DIN EN 12104 standard

If applied smoothly and evenly (forming a continuous layer), WB MONO MS can act as a vapour seal barrier exclusively for the type of tongue-and-groove parquet floors indicated and on non-heated laying surfaces with residual humidity of up to 4%, corresponding to 85% air humidity.



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Density (g/cm ³)	1,60 - 1,70
Yield (g/m ²): - cork flooring - wood flooring	400 – 500 (g/m ²) notched trowel n° 4 800 – 1000 (g/m ²) notched trowel n° 6 <small>(the yield of the product may vary depending on the porosity or warpage of the surface to be treated)</small>
Usage temperature (°C):	+10 C°
Open time (min)	40 - 50
Ready for walking on (hours):	about 6 hours, depending on the environmental conditions
Smoothing or loadability:	After 24 – 36 hours
Application/Equipment:	notched trowel
Equipment cleaning:	GR7, before the product sets
Product removal:	with a clean cloth, before the product sets
Storage (months): at a temperature of above +5°C	12
Disposal information	Dispose of in compliance with the local and national regulations in force
Packs	15 kg
Usage limitations:	The surface to be treated must be compliant with the DIN 18356 regulation
GISCODE	RS10
Shear strength ISO 17178	1,7 N/mm ²
Shear elongation ISO 17178	3,1
Shear strength UNI EN 14293	2,3 N/ mm ²

PREPARING THE SURFACE

The surface to be treated must be compact, clean and free from loose parts such as traces of wall paint, dust, wax and the like, and must be compliant with the DIN 18356 standard.

Before laying, always check the humidity level of the sub-floor and the wood, using the appropriate instruments. The humidity of the sub-floor must be measured in depth (approx. 2-3 cm), using a CCM moisture tester in order to rule out the presence of particularly hygroscopic substances (such as pumice, vermiculite), which could release the moisture contained in them and thus cause the floor surface to swell.

The humidity level must be <2% for traditional screed and <0.2% for anhydride screed.

Do not lay on screeds that are not protected from possible rising damp (always place an appropriate vapour seal between the screed and the flooring). On low-porosity or calcium sulphate screeds, mechanical sanding of the surface is recommended, and any residual dirt, dust or loose parts must be vacuumed off the surface.

Dusting or damp cement-based sub-floors must first be consolidated using a primer (such as our PRIMER WB PU), which help the glue to stick properly (see technical specifications).

APPLICATION

Do not apply at an air temperature of less than 10°C (otherwise optimal results may not be achieved, or drying times may vary).

The product comes ready for use. Apply WB MONO MS evenly on the surface using the appropriate notched trowel and then lay the parquet, pressing down as required. Any glue residue should be removed with a cloth before the product sets.

Always use adequate individual protection systems.

Always consult the technical and safety specifications of the product.