WB MONO MS performance plus

SILANE ADHESIVE

Monocomponent silane adhesive specifically for bonding all types of wood flooring on concrete subfloors, plywood or chipboard surfaces and non-absorbent flooring (e.g. marble, tiles, terrazzo floors, wooden bases). If applied evenly on the installation surface, WB MONO MS creates a waterproof barrier that helps to prevent rising damp from concrete subfloors.

TECHNICAL CHARACTERISTICS:

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

SPECIAL PROPERTIES:

GEV-EMICODE EC1 PLUS very low emission	Symbol EC1 PLUS Established using GEV criteria, classified as EMICODE EC1 PLUS: very low emissions.
ÉMISSIONS DANS L'AIR INTÉRIEUR A+	Emission class as per French regulations.
ADESIV S.R.L. WB MONO MS und AKU MONO MS LE Zulassungsgrundlage Z-155.10-422 Emissionsgeprüftes Bauprodukt nach AGBB-Grundschema	Building trade product with emission test in accordance with directive DIBt - adhesive for parquet. **Z-155.10-422**
	Suitable for underfloor systems
	Reduces footstep noise

WHERE IT CAN BE APPLIED:

- Absorbent and non-absorbent flooring
- Traditional cementitious and anhydrite screeds (calcium sulphate)
- Absorbent and non-absorbent subfloors with underfloor heating or cooling systems
- Metal surfaces (after appropriate degreasing and application test)

The following may be bonded onto these surfaces:

- Non-interlocking 10-mm solid timber elements (lamparquet) compliant with standard DIN EN 13227
- Mosaic parquet compliant with standard DIN EN 13488
- Solid wood strip flooring (industrial) compliant with standard DIN EN 14761
- Interlocking tongue-and-groove solid wood boards with maximum width of 18 cm or 20 cm with oak veneer compliant with standard DIN EN 13226
- Finished multi-layered flooring compliant with standard DIN EN 13489
- Cork flooring compliant with standard DIN EN 12104

WB MONO MS if applied uniformly and homogeneously (forming a continuous layer) can act as a vapour barrier exclusively for the above parquet types with interlocking tongue and groove and on subfloors not heated with residual moisture up to 4% corresponding to 85% ambient humidity.

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WB MONO MS performance plus

Density (g/cm³)	1.60 - 1.70
Brookfield viscosity at 20°C (mPa*s):	65,000 - 90,000
Yield (g/m²): - cork flooring - wood flooring	400 – 500 (g/m2) no. 4 notched trowel 800 – 1000 (g/m2) no. 6 notched trowel (The product yield may vary depending on the porosity or flatness of the surface to be treated)
Usage temperature (°C):	> 10
Open time (minutes):	40 - 50
Ready for walking on (hours):	about 6 hours, depending on the environmental conditions
Sanding or load capacity:	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): maximum temperature +5 °C	12
Disposal information:	Dispose of in compliance with the local and national regulations in force
Packaging:	600 ml and 15 Kg
Usage limitations:	The base to be treated must comply with standard DIN 18356
GISCODE:	RS10
Cutting Force ISO 17178 (N/mm²)	1.7
ISO 17178 elongation at fracture	3.1
Shear force UNI 14293 (N/mm²)	2.3

PREPARING THE SURFACE

The substrate to be treated must be compact, dry, clean, free from any loose fragments such as residues of wall paints, dust, wax or similar, and in accordance with DIN 18356.
Before laying, always use suitable tools to verify the moisture level in the subfloor and the wood. The moisture level in the subfloor must be measured in depth (approx. 2-3 cm) using a carbide moisture tester in order to rule out the presence of particularly hygroscopic substances (such as pumice or vermiculite), which could release the moisture contained in them and thus cause the floor surface to swell.
The humidity should be <2% for traditional screeds and <0.2% anhydrite (calcium sulphate).
Do not lay on screeds which are not protected from possible rising damp (always position a suitable vapour-tight sheath). 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.
Powdery concrete subfloors or screeds with moisture must be consolidated with primers (e.g. our PRIMER WB PU product), to optimise bonding of the adhesive (see technical data sheet).

APPLICATION

Do not apply at temperatures below 10 °C, otherwise optimal results may not be achieved and drying times may vary.
The product is ready for use. Apply WB MONO MS evenly to the surface using a toothed spatula and lay the parquet using appropriate pressure. It is advisable to remove any glue residue using a cloth when the product is still wet.
Always use suitable personal protective equipment.
Always consult the technical and safety data sheet of the product before use.

HAZARD PICTOGRAMS:

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