WB MONO MS/LE standard performance

SILANE ADHESIVE
Monocomponent silane adhesive, ideal for gluing small-size solid or multi-layers wood floors on concrete subfloors or non-absorbent flooring (marble tiles, Palladian flooring and wood surfaces).
If applied evenly on the installation surface, WB MONO MS/LE creates a waterproof barrier that helps to prevent rising damp from cement-based subfloors.

TECHNICAL CHARACTERISTICS:
- Single-component
- 100 % MS Technology
- Ideal for gluing finished multi-layered flooring and small screeds
- Easy to clean
- Free from isocyanates and amines
- Solvent-free
- Water-free
- Compliant with standard ISO 17178: elastic

SPECIAL PROPERTIES:

GEV-EMICODE EC1 very low emission	Symbol EC1 PLUS R Established using GEV criteria, classified as EMICODE EC1 PLUS R: very low emissions.
A+	Emission class as per French regulations.
	Building trade product with emission test in accordance with directive DIBt - glue for parquet. **Z-155.10-422**
	Suitable for underfloor systems
	Reduces footstep noise.

WHERE IT CAN BE APPLIED:
- Absorbent and non-absorbent flooring
- Traditional concrete screeds
- Anhydrite screeds
- Calcium sulphate screeds
- Absorbent and non-absorbent subfloors with underfloor heating or cooling systems

The following may be glued onto these surfaces:
- Non-locking 10-mm solid wood battens (lamparquet) compliant with standard DIN EN 13227
- Solid wood strip flooring (industrial) compliant with standard DIN EN 14761
- Finished multi-layered flooring compliant with standard DIN EN 13489
- Cork flooring

If applied evenly and uniformly, WB MONO MS/LE can act as a vapour barrier (by forming a continuous layer) on the aforementioned tongue-and-groove parquet only, and unheated bases with a moisture content up to 4%, corresponding to environmental humidity of 85%.

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Density (g/cm^3):	1.60 - 1.70
Yield (g/m^2): - cork flooring - wood flooring	400 – 500 (g/m2) no. 4 toothed spatula 800 – 1000 (g/m2) no. 6 toothed spatula (the yield of the product may vary depending on the porosity or the flatness of the surface to be treated)
Usage temperature (°C):	+10 C°
Open time (min)	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): highest temperature +5°C	12
Disposal information	Dispose of in compliance with the local and national regulations in force
Packs	15 kg
Usage limitations:	The base to be treated must comply with standard DIN 18356
GISCODE	RS10
ISO 17178 shear force	1.6 N/mm^2
ISO 17178 elongation at break	2.9
UNI EN 14293 shear force	2.1 N/mm^2

PREPARING THE SURFACE

The surface to be treated must be compact, dry, clean and free from loose particles such as traces of wall paint, dust, wax and the like, and must be compliant with DIN 18356.
Before laying, always use suitable instruments 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.
Moisture content must be <2% for traditional screeds and <0.2% for anhydrite screeds.
Do not apply on screeds that are not protected from possible rising damp (always place an appropriate vapour barrier 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.
Concrete powdery screeds or screeds with moisture must be consolidated with primers (e.g. our PRIMER WB PU product), to optimise adhesion of the glue (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/LE 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 adequate individual protection devices.
Always consult the data and safety sheet of the product.

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