ADEFLEX MS

HIGH PERFORMANCE SILANE MONOCOMPONENT ADHESIVE
Specific silane component adhesive for bonding wood floors.
Particularly suitable for critical bonding where strong adhesive power is needed.

TECHNICAL CHARACTERISTICS:
- Monocomponent, ready for use
- 100% MS Technology
- High-performance (bonding)
- Improves soundproofing when used in combination with Adesound System
- Hardens quickly
- Free from isocyanate and amines
- Solvent-free
- Water-free
- Suitable for outdoor use as an adhesive and not as sealant

SPECIAL PROPERTIES:

GEV-EMICODE EC1 PLUS very low emission	Symbol EC1 PLUS Established using GEV criteria, classified as EMICODE EC1 PLUS: very low emissions.
EMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C	Emission class as per French regulations.
	Suitable for underfloor systems
	Reduces footstep noise

WHERE IT CAN BE APPLIED:
- Properly treated absorbent and non-absorbent flooring (such as marble, ceramic material and terrazzo flooring)
- Traditional cementitious screeds
- Anhydrite screeds (calcium sulphate)
- Absorbent and non-absorbent subfloors with underfloor heating or cooling systems

THE FOLLOWING CAN BE BONDED TO THESE SURFACES:
- 10 mm non-interlocking solid wood elements (lamparquet) as per the DIN EN 13227 standard
- Mosaic parquet compliant with standard DIN EN 13488
- (Industrial) solid wood strips compliant with DIN EN 14761 standard
- 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
- In combination with Adesound System

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SPECIFIC CHARACTERISTICS (normal conditions):

Colour:	Brown
Density (kg/l):	1.50
Brookfield viscosity at 20 °C (mPa*s):	130,000 - 160,000
Yield (g/m^2):	800 – 1000 no. 6 notched trowel (product yield may vary depending on the porosity and flatness of the surface being treated)
Usage temperature (°C):	+10 to +30
Open time (minutes):	30 - 45
Ready for walking on (hours):	approx. 8 - 12 depending on environmental conditions
Final setting (hours):	after 18 - 24 (ready-to-walk-on and final hardening times vary depending on weather conditions and the thickness of the layer applied)
Tensile shear strength (N/mm^2):	~ 1.5
Hardness Shore A:	~ 45
Elongation at break (%):	> 400
Application/Equipment:	applicator (gun), notched trowel
Equipment cleaning:	water, before the product sets
Product removal:	GR7 Solvent
Storage (months): temperature between +5 °C and +25 °C	12
Disposal information:	Dispose of in compliance with the local and national regulations in force
Packaging:	600 ml aluminium bags
Usage limitations:	Before use, the product should be brought to a temperature of at least 15 °C. Apply with relative humidity of air between 40% and 70%.
GISCODE:	RS10

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 hygrometer 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 fragments must be vacuumed off the surface. Concrete powdery screeds or screeds with moisture must be consolidated with primers (e.g. our PRIMER WB PU or PRIMER PA 400 products), 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.
Application with notched trowel:
The product is ready for use. Carefully cut the appropriate 600 ml bag at one of the two ends and apply pressure to extract the quantity of product required. Subsequently uniformly spread ADEFLEX MS using a notched trowel and lay the parquet applying adequate pressure. It is recommended that wood flooring is kept at a distance of at least 8-10 mm from the walls.
Application with an applicator (gun):
The product is ready for use. Insert the 600 ml pack into its applicator (gun). Carefully cut one end of the tube and after attaching the nozzle apply the adhesive directly to the surface. Squeeze the product onto the surface so the space underneath is completely filled with adhesive. It is advisable to keep wood flooring at a distance of at least 8-10 mm from the walls.
Remove any adhesive residue using a cloth before the product has set. Always use suitable personal protective equipment. Always consult the technical and safety data sheet for the product.

HAZARD PICTOGRAMS:

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