



ADEFLEX MS

HIGH-PERFORMANCE MONOCOMPONENT SILANE ADHESIVE




Specific monocomponent silane adhesive for bonding wooden floors or elements.

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:

	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 concrete screeds
- Anhydrite screeds (calcium sulphate)
- Absorbent and non-absorbent sub-floors with underfloor heating or cooling systems

THE FOLLOWING CAN BE BONDED TO THESE SURFACES:

- 10 mm non-interlocking solid wood elements (lamarquet) 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

CONTINUE



ADEFLEX MS

SPECIFIC CHARACTERISTICS (normal conditions):

Colour:	Brown
Density (kg/l):	1.50
Brookfield viscosity at 20 °C (mPa*s):	130,000 - 160000
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 setting 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%. Always use suitable personal protective equipment Always consult the technical and safety information sheets
GISCODE:	RS10

SURFACE PREPARATION:

The surface to be treated must be compact, dry, clean and free from loose parts such as traces of wall paint, dust, wax and the like, and must be compliant with DIN 18356. Before laying, always use suitable tools to verify the moisture level in the sub-floor and the wood. The moisture level in the sub-floor 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 apply on screeds that are not protected from possible rising damp (always ensure there is an appropriate vapour barrier between the screed and 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. Dusty concrete sub-floors or sub-floors 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:

As the product uses water vapour when curing, the best setting conditions are achieved with a Room Humidity (RH%) value between 35 and 80 %.

Avoid using in low temperatures (< 10 °C) and with a low RH percentage (< 35 %). Such conditions can lead to a significant increase in curing time and do not guarantee proper setting and bonding.

Application with notched trowel:

The product is ready for use. Carefully cut one end of the 600 ml tube and squeeze out the amount 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 tube into the 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 glue 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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