



## EURO 5



### LOW-ENVIRONMENTAL-IMPACT BICOMPONENT ADHESIVE FOR WOOD FLOORS

Bicomponent epoxy-polyurethane water-free adhesive with very low VOC emissions, specifically for bonding wood floors of any kind to concrete sub-floors or non-absorbent flooring (such as marble, tiles, terrazzo flooring and wood surfaces). On existing slightly absorbent or non-absorbent surfaces, always abrade your surface properly, then clean sufficiently, before bonding.

#### TECHNICAL CHARACTERISTICS:

- Bicomponent
- High performance (adhesion and strength)
- Suitable for all types of wood floors
- Very easy to spread with a trowel
- Very low VOC emissions
- Free from water and solvents

#### SPECIAL PROPERTIES:

	Emission class as per French regulations.
	Suitable for underfloor systems

#### WHERE IT CAN BE APPLIED:

- Absorbent and non-absorbent flooring (after abrading surface and cleaning)
- Traditional concrete screeds
- Anhydrite screeds (calcium sulphate)
- Absorbent and non-absorbent sub-floors with underfloor heating or cooling systems
- Metallic materials (following an application test)

#### 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
- Ceramic or stoneware elements

CONTINUE

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### SPECIFIC CHARACTERISTICS (normal conditions):

Colour:	Beige or Brown
Mixing ratio A: B::	9: 1
Brookfield viscosity at 20°C (mPa*s):	70,000 - 90,000 Comp. A   4,000 - 9,000 Comp. B
Brookfield viscosity at 20 °C catalysed product (mPa*s):	50,000 - 70000
Yield: (g/m <sup>2</sup> ):	1000 – 1400 (g/m <sup>2</sup> ) 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):	90 - 120
Ready for walking on (hours):	after 12 - 18 hours, depending on environmental conditions
Final setting (hours):	after 48 - 72 (ready-to-walk-on and final setting times vary depending on weather conditions and the thickness of the layer applied)
Tensile shear strength UNI EN 14293 (N/mm <sup>2</sup> ):	4.1 (par. 4.3.4 b) 5.0 (par. 4.3.4 a)
Wood-Concrete Adhesion (N/mm <sup>2</sup> ):	> 3 (Concrete failure)
Hardness Shore A:	> 80
Application/Equipment:	notched trowel
Equipment cleaning:	SOLVENTE GR7 solvent, before the product sets
Product removal:	PULITORE LS cleaner, before the product sets
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:	10 kg kits (A + B)
Usage limitations:	Before use, the product should be brought to a temperature of at least 10 °C. Do not apply in damp environments. Do not bond the sides of the panels. Always use suitable personal protective equipment Always consult the technical and safety information sheets
GISCODE:	RE 1 / RU 1

### 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 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, <0.5% for anhydrite screeds (calcium sulphate) and <0.2% for anhydrite screeds (calcium sulphate) with radiant heating. The moisture content of the wood must be between 7 and 11%. 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. Concrete dusty sub-floors or sub-floors with moisture must be consolidated with primers (e.g. our PRIMER HE, PRIMER WB PU or PRIMER PA 400 products) to ensure proper adhesion of the glue (see technical data sheet).

### APPLICATION:

Apply at an ambient temperature of between 10 °C and 30 °C, otherwise viscosity and drying times may vary significantly, with less-than-optimal results. Allow the product to reach room temperature before use. Pour component B into the container of component A, and mix thoroughly with a low-speed stirrer to obtain an even paste uniform in colour. Spread the mix using a notched trowel, incorporating any powder on the sub-floor. Lay the parquet, pressing the flooring down firmly to ensure that the adhesive sticks to the whole surface. It is recommended that wood flooring is kept at a distance of at least 8-10 mm from the walls.

Remove any glue residue while the product is still wet using a cloth dampened with our product PULITORE LS. You should always check that the cleaning agent is compatible with the surface being treated. Always consult the product's technical and safety information sheets before use.

### HAZARD PICTOGRAMS:

#### Component A



#### Component B

