



ADHESIVES FOR WOOD FLOORS



PELPREN PL6



BICOMPONENT ADHESIVE FOR WOOD FLOORS

Bicomponent epoxy-polyurethane water-free adhesive, specifically for bonding all types of wood flooring to concrete subfloors or non-absorbent existing flooring (such as marble, tiles, terrazzo flooring and wood substrates). On existing slightly absorbent or non-absorbent substrates, always abrade your surface properly, then clean sufficiently, before bonding.

TECHNICAL CHARACTERISTICS:

- Bicomponent
- High performance (adhesion and toughness)
- Suitable for all types of wood floors
- Excellent spreadability
- Water-free

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 cementitious screeds
- Anhydrite screeds (calcium sulphate)
- Absorbent and non-absorbent subfloors 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

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SPECIFIC CHARACTERISTICS (normal conditions):

Appearance:	Thixotropic paste
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 (mPa*s):	55,000 - 75,000
Yield (g/m ²):	1000 – 1400 (g/m ²) 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 depending on the environmental conditions
Final setting (hours):	after 48 - 72 (ready-to-walk-on and final hardening times vary depending on weather conditions and the thickness of the layer applied)
Tensile shear strength UNI EN 14293 (N/mm ²):	4.5 (par. 4.3.4 b) 5.9 (par. 4.3.4 a)
Wood-Concrete Adherence (N/mm ²)	> 3 (Concrete failure)
Hardness (Shore A):	90
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:	5 or 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 glue the sides of the panels.
GISCODE:	RE 2 / RU 2

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, <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 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. Powdery concrete subfloors or screeds with moisture must be consolidated with primers (e.g. our PRIMER HE, PRIMER WB PU or PRIMER PA 400 products) to ensure proper bonding of the adhesive (see technical data sheet).

APPLICATION

Apply at a 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 mixture using a notched trowel, incorporating any powder on the subfloor. Proceed with the laying, exercising adequate pressure on the parquet to make the adhesive adhere well over the entire surface. It is recommended that wood flooring is kept at a distance of at least 8-10 mm from the walls.
Before the product sets, remove any residual adhesive by using a cloth soaked in our PULITORE LS cleaner. You should always check that the cleaning agent is compatible with the surface being treated. Always consult the technical and safety data sheet of the product before use.

HAZARD PICTOGRAMS:

Component A



Component B

