



ADHESIVES FOR WOOD FLOORS

PELPREN PL60 E



BICOMPONENT ADHESIVE FOR WOOD FLOORS

Bicomponent polyurethane water-free adhesive, specifically for gluing all types of wood floor to concrete subfloors or non-absorbent flooring (such as marble, tiles, Palladian flooring and wood surfaces).

TECHNICAL CHARACTERISTICS:

- Bicomponent
- High performance
- Strength and elasticity
- Polyurethane-based
- Amine-free catalyst (hypoallergenic)
- Solvent-free
- Suitable for all types of flooring

SPECIAL PROPERTIES:

	Emission class as per French regulations.
	Suitable for underfloor systems

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
- Metallic materials (following an application test)

THE FOLLOWING CAN BE GLUED TO THESE SURFACES:

- Non-locking 10-mm solid wood battens (lamarquet) compliant with standard DIN EN 13227
- Mosaic parquet compliant with standard DIN EN 13488
- Solid wood strip flooring (industrial) compliant with standard DIN EN 14761
- 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:	Warm beige or brown
Mixing ratio A:B:	9-1
Viscosity (@20°C; Brookfield):	40000 – 50000
Yield (g/m ²):	1000 – 1400 (product yield may vary depending on the porosity or flatness of the surface being treated)
Working life (minutes):	approx. 60 - 75
Usage temperature (°C):	+10 - +30
Ready for walking on (hours):	18 -24 (foot traffic and final hardening times vary depending on weather conditions and the thickness of the layer applied)
Sanding (days):	2 - 3 (sanding and final hardening times vary depending on weather conditions and the thickness of the layer applied)
Application/Equipment:	No.6 wide-toothed spatula
Equipment cleaning:	SOLVENTE GR7 solvent, before the product sets
Product removal:	PULITORE LS cleaner, before the product sets
Storage (months): temperature of between +5°C and +25°C	12
Disposal information	Dispose of in compliance with the local and national regulations in force
Packs	Complete 10-kg packs (comp. A 9 kg + comp. B 1 kg)
Usage limitations:	Do not use in damp environments Do not glue the sides of the panels Ventilate the room when laying but avoid draughts Do not expose the hardener to temperatures lower than +5 % Always use personal protective equipment Leave the product to reach room temperature before applying

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, <0.5% for anhydrite screeds and < 0.2% for anhydrite screeds with heating systems. 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 place an appropriate vapour barrier between the screed and the flooring). It is advisable to mechanically sandpaper the surface of screeds which are not very porous or are made of calcium sulphate, and vacuum any residue, dust or loose fragments. Concrete powdery screeds or screeds with moisture must be consolidated with primers (e.g. our PRIMER HE, PRIMER WB PU or PRIMER PA 400 products), to optimise adhesion of the glue (see technical data sheet).

APPLICATION

Apply at a room temperature ranging between 10°C and 30°C (other conditions could change the viscosity and drying times significantly, with less-than-excellent 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 a homogeneous paste with a uniform colour. Spread the mixture using a notched trowel, incorporating any powder on the subfloor. Lay the parquet, pressing the parquet flooring firmly down to ensure good contact between the surfaces. It is advisable to keep the wooden flooring at a distance of at least 8-10 mm from the walls. When the product is still wet, remove any glue residue immediately using a cloth dampened with our PULITORE LS cleaner, as the product could damage or dull the surface of the flooring if it is vanished. It is advisable to always check that the cleaning agent is compatible with the surface being treated. Always consult the data and safety sheet of the product.

NOTE

Adhesive suitable for gluing parquet on heated subfloors. Recommended for professionals sensitive to the presence of amine or epoxy resins.