



## PELPREN PL60 E


### BICOMPONENT ADHESIVE FOR WOOD FLOORS

Bicomponent **polyurethane** water-free adhesive, specifically for bonding all types of wood floor to concrete sub-floors or non-absorbent existing flooring (such as marble, tiles, terrazzo flooring and wood surfaces).

### TECHNICAL CHARACTERISTICS:

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

### SPECIAL PROPERTIES:

	Suitable for underfloor systems
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### WHERE IT CAN BE APPLIED:

- Absorbent and non-absorbent flooring
- Traditional concrete screeds
- Anhydrite (calcium sulphate) screeds
- 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:

- 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

CONTINUE

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### SPECIFIC CHARACTERISTICS (normal conditions):

Appearance:	Warm beige or brown
Mixing ratio (A: B):	9: 1
Brookfield viscosity at 20 °C, catalysed product (mPa*s):	55000 - 75000
Yield: (g/m <sup>2</sup> ):	1000 – 1400 (the yield of the product 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 (ready-to-walk-on and final setting times vary depending on weather conditions and the thickness of the layer applied)
Sanding (days):	2 - 3 (sanding and final setting times vary depending on weather conditions and the thickness of the layer applied)
Application/Equipment:	No. 6 wide-notch 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:	Complete 10-kg packs (comp. A 9 kg + comp. B 1 kg)
Usage limitations:	Do not use in damp environments Do not bond the sides of the panels Ventilate the room when laying but avoid draughts Do not expose the hardener to temperatures lower than +5 % Leave the product to reach room temperature before applying Always use suitable personal protective equipment Always consult the technical and safety information sheets

### 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. Moisture content must be <2% for traditional screeds, <0.5% for anhydrite (calcium sulphate) screeds and < 0.2% for anhydrite (calcium sulphate) 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 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 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 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 parquet flooring firmly down to ensure good contact between the surfaces. It is recommended that wood flooring is kept 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. 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.

### NOTES:

Adhesive suitable for bonding parquet on heated sub-floors. Recommended for professionals sensitive to the presence of amine or epoxy resins.

### HAZARD PICTOGRAMS:

#### Component A

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#### Component B

