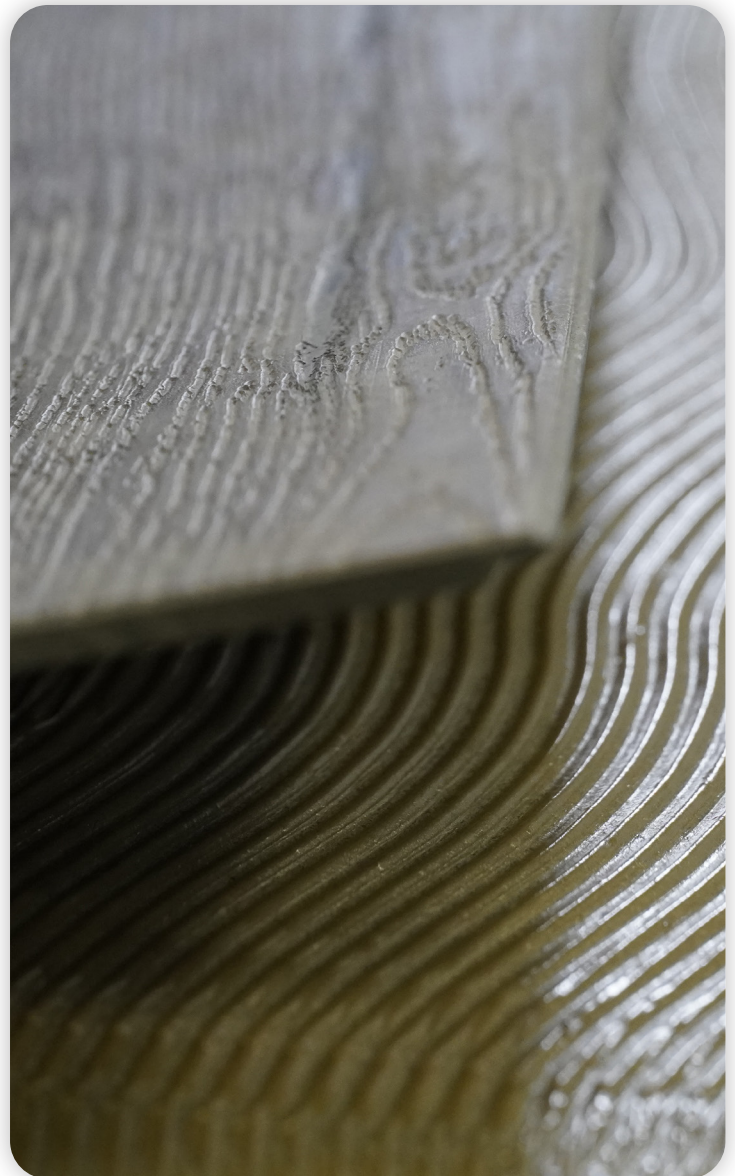







# Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



## FIELDS OF APPLICATION

-  RESILIENT LINE
-  WOOD LINE
-  MARINE LINE
-  ARTIFICIAL GRASS LINE
-  EQUIPMENT AND ACCESSORIES LINE

# POLIFLEX LVT

SILANE POLYMER-BASED ADHESIVE FOR GLUING LVT FLOORING

## DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Single component, moisture-curing, odorless, silane-terminated polymer-based adhesive, ideal for installing LVT floors and wall coverings. POLIFLEX LVT is completely free from solvents, water, amines, epoxy resins and isocyanates. The product sets quickly, provides strong bonding, is highly resistant to moisture and provides excellent adhesion to substrates.

## PRODUCT FEATURES



### Application

Lechner toothed trowel no. 1 - 2



### Suitable for indoor use



### Suitable for under-floor heating systems



### Suitable for wheelchairs

### Open time

40 minutes



### Dry-to-walk-on time

12-18 hours

### Final setting time

36-48 hours



### Appearance

Paste



### Color

Beige



### Chemical base

Modified silane polymer



### Storage

12 months in original sealed packaging



### Consumption

250-350 g/m<sup>2</sup>



### Operating temperature

+15 - +25 °C



### Cleaning

tools with Solvent CH 500/residues with Cleancoll or Eco Cleancoll (while the product is fresh)

## METHOD OF USE

The substrate must be compact, flat, in good condition, established, permanently dry and free from detaching substances such as oils, waxes, excess dust, etc. Maximum allowable moisture content:

- Cementitious substrates: max. 2.0%; with underfloor heating 1.7%.

- Gypsum or anhydrite substrates: max. 0.5%; with underfloor heating 0.2%.

It is recommended to check that there is no rising moisture, and to always place an insulating barrier between the ground and the load-bearing screed. It is not recommended to install on screeds in contact with humidity and/or evaporative flows in order to avoid the onset of alkaline hydrolysis. Dusty, excessively absorbent or insufficiently compact cementitious screeds should be treated in advance with the appropriate primers, such as: PU series, EPOPRIMER, PRIMER SIL or PRIMER AC PLUS. Stone and non-absorbent surfaces such as ceramics should be treated with warm water and caustic soda, and then rinsed thoroughly. It is recommended to apply PROMOX on the cleaned and dried surface to improve adhesion. Gypsum or anhydrite surfaces should be sanded, dusted and primed according to the manufacturer's instructions. Substrates with an insufficiently flat or uneven laying surface can be leveled with cement-based leveling compounds. Non-heating substrates with excessive humidity (max. 5%) must be first waterproofed with appropriate primers such as: PU series, EPOPRIMER or TRIX, depending on the absorbency of the surface. Heating substrates can be reinforced but not waterproofed (contact the Technical Department for more information).

Apply the adhesive on the substrate using an appropriately sized notched trowel, incorporating any residual surface dust. At the same time, spread a layer of POLIFLEX LVT so that it can be covered before a superficial "skin" forms (about 40 minutes from application). To avoid the formation of air bubbles, thoroughly massage the flooring or wall covering to ensure good wetting of the back, and roll or repeat if necessary.

## OTHER INFORMATION

The application and bonding times indicated in the product characteristics refer to an ambient temperature of +20°C and relative air humidity of 50%. The waiting and laying time can vary greatly depending on temperature, ambient humidity and the absorption of the substrate; low temperatures, low humidity and low absorption of the substrate lengthen the times considerably. If the contents of the package are not completely used, close the bag carefully to prevent the formation of skin and lumps. Product suitable for application by those allergic to epoxy

and polyurethane laying systems. Easy to remove from hands and the surface of coverings. Let the product and covering reach the usage temperature. POLIFLEX LVT can be removed with a dry cloth or ECO CLEANCOLL while still damp; alternatively, it can be removed with CLEANCOLL. Once the adhesive has hardened, it can only be removed mechanically. When laying on non-absorbent substrates, apply the minimum amount of adhesive that will wet the back of the covering (Lechner trowel no. 1), making sure there is a suitable level of humidity in the room (at least 50%). Wait about 10 minutes before laying the covering.

## INSTRUCTIONS

**FOR SAFETY AND DISPOSAL:** Consult the relevant safety data sheet before using the product. Gloves are recommended during use. Ventilate the room during and after use. Follow all applicable safety regulations. Do not dispose of any residue in the ground, waterways or drains. To dispose of the product and other waste deriving from the activity, adhere closely to the provisions of Legislative Decree no. 152/2006 and subsequent amendments and additions of the Consolidated Environmental Act (Testo Unico Ambientale). For further information, please contact our Technical Assistance Department. The content of this sheet integrates and replaces the previous version, rendering it null and void.

**WARNINGS:** The data provided in this data sheet reflects our best theoretical and practical knowledge. However, it is not possible for us to consider every detail, therefore this information should not be considered as binding. In the event of any doubt, please contact our technical offices.