

Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



FIELDS OF APPLICATION



POLIFLEX SMP

SINGLE-COMPONENT ADHESIVE FOR PARQUET WITH SMP TECHNOLOGY

DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Single-component, odorless, moisture-curing adhesive, made from silyl modified polymers, ISO 17178:2013 compliant, for bonding traditional and pre-finished parquet on absorbent and non-absorbent substrates. Entirely free from solvents, water, amines, epoxy resins and isocyanates, it is fast setting and does not shrink. The product is therefore characterized by high cohesion, permanent elasticity, very good resistance to moisture and excellent adhesion to substrates.

PRODUCT FEATURES



Application
Silicone gun



Suitable for indoor use



Suitable for heating substrates



Workability time

40 minutes

Dry-to-walk-on time

12-18 hours

Final setting time

36-48 hours



Appearance
Paste



Color
Hazelnut



Storage
12 months in the original sealed packaging



Chemical base
Modified silane polymer



Use
800-1200 g/m²



Operating temperature
+15 - +25°C



Cleaning
Tools with Solvent CH 500/Residue with Cleancoll or Eco Cleancoll (while the product is wet)

DIRECTIONS FOR USE

The substrate must be compact, sound, clean, cured, permanently dry and free from detaching substances such as oils, waxes, excess dust, etc. If there are cracks or crevices, these must be repaired with SIGEPOX. Maximum permissible moisture content:

- Cementitious substrates max 2%; with underfloor heating 1.7%
- Gypsum or anhydrite substrates max 0.5%; with underfloor heating 0.2%.

Check that there is no rising moisture, always place an insulating barrier between the ground and the load-bearing screed. We do not recommend laying upon screeds in contact with moisture and/or evaporative flows in order to avoid the onset of alkaline hydrolysis. In the case of dusty, excessively absorbent or insufficiently solid cementitious screeds, intervention using suitable primers such as PU series, EPOPRIMER, PRIMER SIL, PRIMER AC PLUS, is necessary. On stone and non-absorbent surfaces such as ceramics, treating the surface with hot water and soda before rinsing thoroughly is necessary. Applying PROMOX to the clean, dry surface to improve adhesion is advised. Gypsum or anhydrite substrates must be sanded, freed of dust and primed according to the manufacturer's instructions. Substrates that have an insufficiently flat or raised laying surface may be leveled with cement-based leveling agents such as FIBRODUR or LEVELFAST (minimum thickness 3 mm). Non-heated substrates possessing an excessive degree of humidity (max 5%) must be waterproofed with the appropriate primers such as: PU, EPOPRIMER, or TRIX series according to the absorbency of the surface. Heated substrates may only be bonded but not waterproofed (if necessary, contact the Technical Office).

Insert the bag into the appropriate caulking gun and squeeze it out into bead of about 4-6 mm thick spaced 5-12 cm apart, in accordance with the size of the components. The larger these are, the more the beads can be spaced out from each other. Lay the components - taking care not to put them against the perimeter walls to encourage their natural variation in size during the subsequent "acclimation" phase - by pressing them in order to ensure their contact with the substrate before the glue hardens and creates a "skin" (within approx. 40 minutes of application) which would compromise their adhesive properties.

ADDITIONAL INFORMATION

The application and gluing times indicated refer to an ambient temperature of +20°C and a relative humidity of 50%. Acclimate the product at usage temperature. Before proceeding with the planing, sanding and subsequent finishing of the wooden floor, waiting for the parquet to stabilize is necessary. POLIFLEX SMP can be removed with a dry cloth when still fresh; alternatively, it may be removed with CLEANCOLL or ECO CLEANCOLL, but be sure to first test the product on a piece of wood that has not yet been laid down. Once the adhesive has hardened, it can only be removed mechanically.

INSTRUCTIONS

SAFETY AND DISPOSAL: Before using product, consult the relevant safety data sheet. Gloves are recommended during use. Ventilate the room during and after use. Comply with the safety regulations in force. Do not dispose of any residue in the ground, waterways or drains. For disposal of the product, as well as any other resultant waste, please strictly comply with the provisions of Legislative Decree 152/2006 and subsequent amendments (Consolidated Environmental Law). For further information, please contact our Technical Assistance Office. The content of this current sheet supplements and replaces the previous, nullifying it.

WARNINGS: The data provided in this technical data sheet reflect our best theoretical and practical knowledge. Since, however, it is not possible for us to enter into every detail, this information should not be considered as binding. In case of doubt, contact our technical offices.