






# Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



## FIELDS OF APPLICATION

-  RESILIENT LINE
-  WOOD LINE
-  NAVAL LINE
-  SYNTHETIC GRASS LINE
-  EQUIPMENT AND ACCESSORIES LINE

# POLIFLEX SPC

SINGLE-COMPONENT ADHESIVE FOR SPC WITH SMP TECHNOLOGY

## DESCRIPTION AND USES PRODUCT FOR PROFESSIONAL USE ONLY

Single-component, hydro-hardening, silane-terminated polymer adhesive, odourless and hypoallergenic, specifically for bonding SPC on absorbent and non-absorbent walls and substrates. POLIFLEX SPC is ready to use, totally free of solvents, water, amines, epoxy resins and isocyanates, sets quickly and does not shrink. The product, which is easy to use and apply, is also characterised by high cohesion, permanent elasticity, very good resistance to moisture and excellent adhesion to substrates.

### PRODUCT CHARACTERISTICS



#### Application

Lechner toothed trowel no. 1 - 2



#### Suitable for indoor use



#### Suitable for heating substrates



#### Waiting time

40 min

#### Setting time

12-18 hours

#### Final setting time

36-48 hours



#### Appearance

Paste



#### Colour

Beige



#### Storage

12 months in original, unopened containers



#### Chemical base

Modified silane polymer



#### Quantity

350 g/m<sup>2</sup> (Trowel no.1)

400 g/m<sup>2</sup> (Trowel no.2)



#### Application temperature

+15 - +25 °C



#### Cleaning

Tools with Solvent CH 500 / Glue residues with CLEANCOLL or ECO CLEANCOLL (while the product is fresh)



#### Solvent-free product

### HOW TO USE

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

- Cement 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 damp, always place an insulating barrier between the ground and the load-bearing screed. Installation on screeds in contact with moisture and/or evaporative flows is not recommended in order to avoid the occurrence of alkaline hydrolysis. In the case of dusty, excessively absorbent or insufficiently compact cement screeds, it is necessary to intervene with suitable primers such as: PU series, EPOPRIMER. On stone and non-absorbent surfaces such as ceramics, it is necessary to treat the surface with warm water and soda and then rinse thoroughly. For closing only the joints of the ceramic surfaces/walls, we recommend the use of RASOPAST 105 (ready-to-use paste skimming compound), after de-waxing by the mechanical grip of the surface and cleaning. Gypsum or anhydrite substrates must be sanded, dusted and primed according to the manufacturer's instructions. Substrates with an insufficiently flat or raised laying surface can be levelled out with cement-based self-levelling compounds, such as: FIBRODUR, ULTRADUR or with levelling agent: LEVELFAST. Unheated substrates with an excessive degree of residual moisture (max. 5%) must be sealed with suitable primers such as: PU series, EPOPRIMER, TRIX depending on the absorbency of the surface. Heating substrates may only be consolidated but not waterproofed (if necessary, contact the Technical Department).

When opening the package, remove the superficial aluminium foil, apply the adhesive to the substrate with the indicated trowel in the correct amounts. Lay while the adhesive layer is still fresh. Immediately after using the product, close the package again, taking special care to protect the surface of the remaining product with its protective foil to prevent moisture in the air inside the bucket from reacting with the adhesive and causing it to harden. When reusing the partially used package, the protective aluminium foil and the hardened surface layer must be removed. It is recommended not to dilute the product in any way.

### OTHER INFORMATION

The application and bonding times given in the specifications are based on an ambient temperature of +20°C and a relative air humidity of 50%. The above times may vary depending on: temperature, humidity and absorption of the screed. Ambient the product to the temperature of use.

POLIFLEX SPC can be removed with a dry cloth while still fresh; alternatively, it can be removed with CLEANCOLL or ECO CLEANCOLL by carrying out a test on the material (SPC) beforehand. The adhesive, once cured, can only be removed mechanically.

### INSTRUCTIONS

**FOR SAFETY AND DISPOSAL:** Before using the product, read the relative safety data sheet. The use of gloves is recommended during application. Ventilate the room during and after use. Observe applicable safety regulations. Do not dispose of residual product on soil, in surface water or in drains. When disposing of the product and other waste produced during usage, comply with the terms of Italian L.D. 152/2006 and subsequent modifications (Unified Environmental Law). For further information, contact our Technical Assistance Department. The contents of this sheet replace and supersede the contents of the previous edition.

**WARNINGS:** The information given in this product technical data sheet is to the best of our theoretical and practical knowledge. However, since it is impossible to go into every detail, this information is not to be considered binding. If in doubt, please contact our technical offices.