

# SCHÖNOX® PARKETT 610

Easy to apply, very low emission, waterless universal SMP adhesive with hard glue-line for parquet suitable for gluing of all well-established types of parquet as well as untreated cork-tiles on suitable substrates. For interior use.



## Product characteristics

- approved by the building authorities
- Emission tested building product according to ABG - approval no. Z-155.10-640
- EMICODE EC 1<sup>PLUS</sup>: very low emission
- fulfills the requirements of DIN EN 17178
- hard glue line
- waterfree, no expansion of wood
- universal suitability
- no priming required
- very easily spread
- suitable on asphalt screed without primer
- solvent-free according to TRGS 610
- contains no softening ingredients
- waterfree, no expansion of wood
- adhesive residues easy to remove
- optimum ridging
- suitable for application on subfloor heating systems
- one component
- ready for use
- no waiting time
- long open time
- for renovation easier to remove compared to elastic adhesives

## Applications

**SCHÖNOX PARKETT 610 is suitable for bonding of:**

- block parquet, strip parquet
- oily types of wood
- mosaic parquet
- vertical finger parquet
- lamparquet
- Wood paving RE/WE according to standard (Pay attention to the details given in the product data sheet of SCHÖNOX EB V)
- multi layer parquet
- solid hardwood boards
- Olive parquet
- thermal treated parquet

- solid and multi-layer solid bamboo parquet
- smoked oak (free of hurtful residual ammonia)
- untreated, planar cork sheets on floors
- SCHÖNOX insulation and uncoupling underlayments on absorbent and non absorbent substrates in interior areas for parquet floors in industrial areas with hand-lift or fork-lift traffic

- Gluing of laminate floorings or of floorings with MDF/HDF backing is possible, if it is released through the covering producer. (Obtain special information)
- For the gluing of parquet type of wood Ipé/Lapacho we recommend SCHÖNOX PU 960 PARKETT.

## Requirements of substrate

- Adequate strength, evenness, dimensional stability and dryness.
- For gluing of parquet using hard adhesives take in mind the higher demands of surface stability.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX leveling compounds as required.
- Old adhesive residues and levelling layers with no sufficient hardness should be removed completely by suitable mechanical means.
- For a durable gluing on substrates insufficient stable laying in combination with the uncoupling fleece SCHÖNOX EB V is feasible.
- New sanded mastic asphalt screeds IC 10 and IC 15 according to EN 13 813, need no priming before gluing.
- For massive parquet floating laid chip-board/OSB-boards should be laid in two layers, bonded and screwed with

## Technical data

- Basis: SMP
- Color: beige
- Density: 1,70 kg/l
- Storage temperature: + 5 up to + 30 °C
- Application temperature: not below + 18 °C, not above 65 % rel. air humidity
- Material consumption: Length of parquet up to 800 mm notched trowel TKB B6, B10: ca. 850-900 g/m<sup>2</sup> Length of parquet above 800 mm notched trowel TKB B11-B15: ca. 1050-1200 g/m<sup>2</sup>
- Waiting time: none
- Skin formation: after approx. 45 - 60 min
- Open time: approx. 30 min
- Setting time: approx. 12-24 hours
- Further processing of the wood: earliest after 12 Stunden for absorbent substrate
- Further processing of the wood: earliest after 24 Stunden for non absorbent substrate

All values are approximate, are subject to local climatic fluctuations and vary according to the absorbency of the substrates and the applicator device.



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lateral offset (at least twice as thick as the used parquet)

- For straight edged parquet species and for parquet units > 800 mm length, substrate should have an evenness tolerance according to DIN 18 202 of  $\leq 2$  mm/m.
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds.
- on mineral substrates SCHÖNOX KH FIX Mixing ratio 1:4, can be used to bind adherent residual dust before laying parquet (drying time  $\geq 60$  min.).
- alternativ on mineral substrates SCHÖNOX HP RAPID, can be used to bind adherent residual dust before laying parquet (drying time  $\geq 2$  hours).
- Rooms in buildings without a basement, are to be sealed against rising dampness in compliance with the standard.
- Refer to the parquet manufacturer's technical product information for parquet substrate requirements.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

## Recommended method of working

### Laying parquet:

- SCHÖNOX PARKETT 610 is ready for use.
- Parquet that is bonded with SCHÖNOX PARKETT 610 should be conditioned and requires a wood humidity corresponding to the medium seasonal climate of 20 °C and 50 % rh (normally wood humidity at average 9%  $\pm$  2% for single bars; multi-layer parquet 8 %  $\pm$  2%, wood block 8 to 12%).
- The moisture content of massive parquet should be detected before laying according to EN 13 183-2.
- For laying parquet there is an optimum room climate - room temperature > 18 °C, relative humidity < 65 % - assumed. As a basic rule applies: room climatic laying conditions = room climatic using conditions. With a wood humidity of normally 9 % a room tem-

perature of 22 °C and a relative humidity of approx. 50 % is necessary. This equates to the wood-physical laws and the optimal climate for parquet floors.

- Spread the adhesive evenly on the substrate using a notched trowel. Choose trowel according to the needed amount of adhesive.
- Apply only as much adhesive as can be laid with parquet within 30 min.
- Lay the parquet directly into the adhesive with light sliding. Tap it firmly and, if necessary weigh it down. Ensure adequate wetting. If wetting is insufficient, take toothing next in size.
- The distance between the wall and the parquet to be laid should be, depending on the kind of parquet and the kind of wood, at least equal to the thickness of the material.
- Sand and seal not before the adhesive is fully cured.

### Laying cork coverings:

- The substrate must be suitable, smooth and even.
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds.
- Untreated one-layer corkboards must be even and should at least 24 hours before bonding acclimatised in the original wrapping.
- Spread SCHÖNOX PARKETT 610 evenly on the substrate using a notched trowel size TKB A4.
- Apply only as much adhesive as can be laid with cork within 20 min. Ensure adequate wetting.
- After laying rub or roll the cork covering thoroughly.
- Wait at least 24 hours before any further surface treatment.

## Packaging

- 18,0 kg plastic pail

## Storage

- Store SCHÖNOX PARKETT 610 in cool, dry, frost-free conditions.
- Opened packages should be closed immediately and used up as soon as possible.

- Remove any skin that has formed, do not stir in.

- Storage life of 1 year (in closed packaging).

## Disposal

- Empty packaging completely and dispose of in accordance with regulations
- For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

## EMICODE

- EC 1<sup>PLUS</sup>: very low emission

## GISCODE

- RS 10 - laying materials methoxysilane based

## EPD - Self-declaration

- Sika Deutschland GmbH declares that the product fulfills the criteria of one Environmental Product Declaration acc. to ISO 14025 and EN 15804
- Declaration available for download at [www.schoenox.com](http://www.schoenox.com) at SCHÖNOX PARKETT 610

## Instructions

- Using suitable powder pigments or Mixol oxide tinting concentrate it is possible to color SCHÖNOX PARKETT 610. Obtain special information.
- Cover the adhesive with a plastic sheet after partial removal to stop the adhesive hardening with the air humidity. Remove any skin already formed.
- Clean tools immediately after use with SCHÖNOX FIX CLEAN.
- Wipe off impurities on sealed surfaces immediately and remove residual bloom with a suitable cleaning agent (e.g. SCHÖNOX FIX CLEAN).
- Hardened material can only be removed mechanically.
- Follow the parquet manufacturer's laying instructions. If in doubt, we recommend testing a small area.
- The product data sheets of further additional products should be observed.

# SCHÖNOX® PARKETT 610

- Composition:
  - inorganic fillers
  - silane-terminated polymer
  - Drying agent
  - Adhesion promoters
  - Stabilizers
  - Iron oxide pigment
- Contains trimethoxyvinylsilane, 3-aminopropyltriethoxysilane.
- May cause allergic reactions.
- Keep out of the reach of children.
- Methanol is released during the setting process.
- Insure a good ventilation during application and drying.
- Wear suitable protective gloves.
- Avoid eating, drinking and smoking while working with the product.
- In case of contact with eyes or skin, rinse immediately with plenty of water.
- Intensive ventilation for several days after the floor has been laid.

Informations for allergic persons call +49 2547 910-0.

The applicable recommendations, guidelines, DIN regulations and safety data sheets are to be observed, together with the recognised architectural and engineering regulations. We guarantee that our products leave the factory in perfect condition. While our recommendations for use are based on tests and practical experience, they can only provide general guidance without any assurance as to product characteristics, since we have no influence over the conditions on site, the execution of the work or the method of processing. This product data sheet supersedes all previous editions.



The Sika management system is certified to ISO 9001 and 14001 by SGS

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