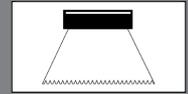
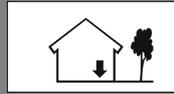


# SCHÖNOX® PARKETT 100

**Very low emission, water reduced and shear resistant dispersion based parquet adhesive**

suitable for gluing of mosaic parquet, vertical finger parquet, block parquet as well as for gluing multi layer parquet blocks on absorbent substrates. For interior use. General construction regulation approval. Emission Tested by DIBt construction principles.



## Product characteristics

- EMICODE EC 1<sup>PLUS</sup>: very low emission
- RAL UZ 113: Environment-friendly, because very low-emission
- approved by the building authorities
- Emission tested building product according to DIBt-principles - approval no.: Z-155.10-494
- fulfills the requirements of EN 14 293
- solvent-free according to TRGS 610
- fast lock in place of the wood
- hard glue line
- low odour
- one component
- no waiting time
- suitable on hot water underfloor heating
- optimum ridging
- easy to apply

## Applications

**SCHÖNOX PARKETT 100 is suitable for bonding of:**

- Solid parquet non sensitive to swelling (e.g. Oak, Oregon Pine, Merbau, Jatoba, Iroko, Elm, Wenge)
  - solid parquet elements according to EN 13 226 ≤ 600 mm length (thickness / width ratio max. 1 : 4)
  - mosaic parquet according to EN 13 488
  - vertical finger parquet according to EN 14 761(l ≤ 160 mm)
- multi-layer parquet elements according to EN 13 489 up to 800 mm length. For elements without pure wood backing, like HDF/MDF use SCHÖNOX PU- or SMP based parquet adhesives. on suitable absorbent substrates in living- and business areas (interior).

## Substrates

**SCHÖNOX PARKETT 100 is suitable on:**

- cementitious- and rapid cement screeds (at least C25 - F4)
- concrete

- OSB boards (class 3 - 4)
- particle boards (P4 - P7)
- SCHÖNOX levelling compounds suitable for parquet (e.g. SCHÖNOX ZM, SCHÖNOX ZM RAPID, SCHÖNOX ZMF)

## Requirements of substrate

- Adequate strength, evenness, dimensional stability and dryness.
- 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 levelling compounds as required.
- Old adhesive residues and levelling layers with no sufficient hardness should be removed completely by suitable mechanical means.
- The requirements of DIN 18 356 "Parquet work" are applicable.
- A sufficient absorbency for gluing.
- Prime and level dense substrates after surface treatment.
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX ZM or SCHÖNOX ZM RAPID. (layer thickness at least 2 mm)
- Grinded and vacuum cleaned cementitious screeds with sufficient surface hardness could be primed with SCHÖNOX VD FIX.
- Do not prime chipboard before gluing. For massive parquet floating laid chipboard should be laid in two. Do not prime chipboard or OSB-board before gluing. For parquet floating constructions should be laid in two layers, bonded and screwed with lateral offset (at least twice as thick as the used parquet).
- Rooms in buildings without a basement, are to be sealed against rising dampness in compliance with the standard.

## Technical data

- Basis: synthetic resin dispersion with bonding additives
- Color: brown
- Density: 1,50 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 18 °C, not above 65 % rel. air humidity
- Material consumption:
  - notched trowel TKB B3, B6: ca. 800 g/m<sup>2</sup>
  - notched trowel TKB B11: ca. 1000 g/m<sup>2</sup>
- Waiting time: none
- Open time: approx. 20 min
- Setting time: approx. 24 hours
- Final strength: after approx. 72 hours
- Further processing of the wood: after 3 to 7 days<sup>1</sup>

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

<sup>1</sup>With adjusted relation of humidity of the wood to humidity in the air at the site possible

# SCHÖNOX® PARKETT 100

- 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 100 is a very low emission dispersion adhesive and should be stirred before use.
- Parquet that is bonded with SCHÖNOX PARKETT 100 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% ± 2% for single bars; multi-layer parquet 8 % ± 2%).
- 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 temperature 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 20 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.
- While the curing process takes place do not walk on the laid surface!

- Sand and seal not before the adhesive is fully cured.
- Clean tools in water immediately after use.

## Packaging

- 14,0 kg plastic pail

## Storage

- Store SCHÖNOX PARKETT 100 in cool, dry, frost-free conditions.
- Storage life of 1 year (in closed packaging).
- Opened packages should be closed immediately and used up as soon as possible.
- Remove any skin that has formed, do not stir in.

## 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

- D1 - solvent-free dispersion adhesives and primers

## EPD - Self-declaration

Sika Deutschland GmbH declares that the product fullfills the criteria for dispersion based products, solvent-free.

## ENVIRONMENTAL PRODUCT DECLARATION

acc. to ISO 14025 and EN 15804

## Owner of declaration

Deutsche Bauchemie e.V.  
Industrieverband Klebstoffe e.V.  
Verband der deutschen Lack- und Druckfarbenindustrie e.V.

## Editor

Institut für Bauen und Umwelt e.V. (IBU)

## Program owner

Institut für Bauen und Umwelt e.V. (IBU)

## Number of declaration

EPD-DIV20140058-IBG1-DE

## Date of issue

04.04.2014

## Valid until

03.04.2019

## Instructions

- For laying smoked solid parquet use SCHÖNOX PARKETT 400 or SCHÖNOX PARKETT 400.
  - 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 add-on products should be observed.
  - Composition:
    - Vinyl acetate-ethylene dispersion
    - Mineral fillers
    - Additives
    - Preservatives based on Benz-/Methylisothiazolinone
- Information for allergic persons call +49 2547 910-0.
- Keep out of the reach of children.
  - Insure a good ventilation during application and drying.
  - Avoid eating, drinking and smoking while working with the product.
  - In case of contact with eyes or skin, rinse immediately with plenty of water.

# SCHÖNOX® PARKETT 100

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 SQS

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