

# SCHÖNOX® PRO MATE



## Universal pressure sensitive dispersion adhesive

high-quality and strong dispersion adhesive contains innovative application behaviour. Suitable for the installation of a wide range of floor coverings using wet-, contact, and double-drop method. Can be heat-activated for up to 120 minutes.



## Product characteristics

- approved by the building authorities
- Emission tested building product according to ABG - approval no. Z-155.20-169
- EMICODE EC 1<sup>PLUS</sup>: very low emission
- high safety with intensive use (e.g. hospitals, airports, shopping malls)
- suitable for wet, contact and double drop bonding
- can be heat-activated for up to 120 minutes
- solvent-free according to TRGS 610
- suitable for castor wheels in accordance with EN 12 529
- suitable for shampooing according to RAL 991 A2
- suitable for application on subfloor heating systems
- strong stringiness
- short waiting time
- long open time
- innovative application behaviour
- suitable on all SCHÖNOX levelling compounds
- rapid development of adhesion strength
- for interior use

## Applications

**SCHÖNOX PRO MATE is suitable for bonding of:**

- textile wall and floor coverings with
  - synthetic secondary backing or jute backing
  - filling compound-free backing constructions
  - suitable non-woven backing
- woven fabrics
- single or multi-layer needlefelt
- natural fibre coverings with backing such as coir and sisal
- PVC and CV wall and floor coverings
- PU coverings
- Luxury vinyl tiles (LVT)
- SCHÖNOX TS

- linoleum coverings in sheets
- cork linoleum
- corkment
- synthetic rubber coverings in rolls and tiles up to 3.5 mm thickness
- synthetic rubber coverings with elastic foam underlay
- on suitable substrates in interior areas.

## Requirements of substrate

- Adequate strength, load bearing capacity, dimensional stability and permanent dryness.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.
- Old, suitable coverings should be firmly bonded, thoroughly cleaned, abraded and should, if necessary, be treated with a plasticizer barrier (e.g. SCHÖNOX FS).
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds, layer thickness for vapor proof coverings as well as on non absorbent substrates at least 2 mm.
- Highly absorbent substrates in wall areas should be primed.
- In order to receive the substrate requirements of the specific coverings, refer to the technical product information of the coverings manufacturer.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

## Recommended method of working

- SCHÖNOX PRO MATE is a very low emission dispersion adhesive and should be stirred before use.
- Coverings to be laid with SCHÖNOX PRO MATE should be conditioned, unstressed and in a flat position.
- Spread the adhesive evenly on the substrate using a notched trowel or a roller. Avoid lumps of adhesive.
- Recommended trowel size:

## Technical data

- Basis: synthetic resin dispersion with bonding additives
- Color: white-beige
- Density: 1,3 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 15 °C floor temperature
- Material consumption:
  - notched trowel TKB A1-A5: 220 - 280 g/m<sup>2</sup>
  - notched trowel TKB B1-B2: 350 - 400 g/m<sup>2</sup>
- Waiting time: approx. 10 - 60 min
- Open time: approx. 10 - 90 min heat-activatable up to 120 min
- Drying time: approx. 24 hours
- Final strength: after approx. 72 hours

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



# SCHÖNOX® PRO MATE

TKB A1, A2, A4, A5, B1 and B2.

- The right amount of adhesive is determined by the backing of the covering. Ensure that there is adequate wetting.
- Non diffusion permeable coverings should be laid on absorbent substrates during the "semi-wet phase".
- Linoleum and diffusion permeable coverings like e.g. needlefelt on absorbent substrates should be laid during the "wet phase".
- Diffusion permeable coverings on non absorbent substrates should be laid during the "semi-wet phase".
- Suitable non diffusion permeable coverings like e.g. suitable PVC coverings on non absorbent substrates should be laid during the "contact phase".
- The distance between each linoleum sheet should be at least the thickness of a postcard.
- After laying without bubbles, rub down the covering and after a waiting time rub again or roll it.
- Apply and spread SCHÖNOX PRO MATE on walls with a lambskin roller. Following comb through with a notched trowel, to have an even spreading of the adhesive.
- Wait at least 24 hours before sealing joints.
- Laying stages:
  - "wet phase": adhesive applied does not yet display any stringiness.
  - "semi-wet phase": start of contact phase, adhesive groove domes are transparent, stringiness is present. Adhesive groove is not yet dried through.
  - "contact phase": adhesive film is transparent, but still tacky.
- Depending on the type of covering, the laying time can be extended by up to 120 min by heat activation. Please ask for special information.

## Contact bonding

- Spread the adhesive evenly on both sides with a paintbrush, roller, smooth or fine-notched trowel. Avoid lumps of adhesive.

- The right amount of adhesive is determined by the backing of the covering. Ensure that there is adequate wetting.
- After the waiting time press the dry adhesive surfaces together.
- The waiting time can be shortened if an industrial drier is used.
- The adhesive strength is dependent on contact pressure.
- Direct securing to old adhesive residues can lead to interactions and thus to unpleasant smells.

## Double drop installation

- Lay the floor covering into the fresh adhesive bed directly after application and rub it in.
- Immediately pull back the floor covering and allow the back of the covering and the substrate to dry until a noticeable tack is achieved („semi-wet phase“, finger test).
- The adhesive line should not be completely transparent („contact phase“).
- Then put the floor covering back in place, rub it down and roll it on.

## Packaging

- 14,0 kg plastic pail

## Storage

- Store SCHÖNOX PRO MATE 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 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 PRO MATE

## Hazard class

- does not apply

## Instructions

- Clean tools immediately in water with low surface tension.
  - Wipe impurities immediately from the covering surface and remove residual skin using a suitable cleaning agent (e.g. SCHÖNOX FIX CLEAN).
  - Apply caps to protect the surface of the covering at the earliest after 72 hours.
  - If laying PVC-coverings as planks or tiles into the contact phase of the adhesive, there is the risk of increased forming of shrinkage tears. For bonding of PVC design coverings in the contact phase, we recommend SCHÖNOX PRO DESIGN.
  - Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.
  - Composition:
    - Copolymer Dispersion based on Acrylic acid ester-Acrylonitrile-Styrene-Vinyl acetate-ethylene
    - Modified colophonium resin ester
    - Mineral fillers
    - Additives
    - Preservation (Isothaizolinone, BNPD)
- Information for allergic persons call +49 2547 910-0.

# SCHÖNOX® PRO MATE

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

**Sika Deutschland GmbH**

**Subsidiary Rosendahl**

**P.O. Box 11 40**

**D-48713 Rosendahl / Germany**

**Phone +49 (0) 2547-910-0**

**Fax +49 (0) 2547-910-101**

**E-mail: [info@schoenox.de](mailto:info@schoenox.de)**

**[www.schoenox.com](http://www.schoenox.com)**