

# SCHÖNOX® PROTECT

## Safety adhesive for highest loads

wherever the plus in safety is expected. Luxury vinyl tiles, synthetic rubber, PVC, elastic coverings free of PVC and many other floor coverings. Especially in challenging climatic areas as well as in wet areas. Applicable on absorbent and non-absorbent substrates. General construction regulation approval. Emission Tested by DIBt construction principles.



## Product characteristics

- approved by the building authorities
- Emission tested building product according to DIBt-principles - approval no.: Z-155.20-524
- EMICODE EC 1<sup>PLUS</sup>: very low emission
- solvent-free according to TRGS 610
- high safety with intensive use (e.g. hospitals, airports, shopping malls)
- heavy mechanical load capacity (e.g. traffic of forklift trucks)
- high moisture resistance
- high resistance to temperature
- high shear strength
- high adhesion strength
- one component
- no mixing required
- suitable for castor wheels in accordance with EN 12 529
- suitable for application on subfloor heating systems
- suitable on all SCHÖNOX levelling compounds
- short waiting time
- for interior use

## Applications

**SCHÖNOX PROTECT is suitable for bonding of:**

- LVT-coverings as tiles and planks
  - synthetic rubber coverings with smooth and sanded backing
  - synthetic rubber coverings with elastic foam underlay
  - many elastic floor coverings free of PVC
  - PU coverings
  - Doormats with rubber or PVC-backing
  - PVC and CV floor coverings
  - linoleum coverings in sheets
  - cork linoleum
  - corkment
- 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.
- For non-absorbent substrates relative humidity must have at least 50 %.
- Sound, even surfaces are achieved by using SCHÖNOX levelling compounds.
- 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 PROTECT is ready for use.
- Coverings to be laid with SCHÖNOX PROTECT should be conditioned, unstressed and in a flat position.
- Spread the adhesive evenly on the substrate using a notched trowel. Avoid lumps of adhesive.
- Recommended trowel size:
  - Luxury vinyl tiles (LVT) : TKB A1 / A4
  - synthetic rubber coverings in sheets and tiles: TKB A1 / A4
  - PVC and CV floor coverings: TKB A1 / A4
  - Linoleum/corkment: TKB B1
- The right amount of adhesive is determined by the backing of the covering. Ensure that there is adequate wetting.
- On non-absorbent substrates and when laying coverings in sheets, allow the adhesive to evaporate (appr. 20 minutes) first.
- After laying without bubbles, rub down the covering and after a waiting time rub again or roll it.
- Wait at least 24 hours before sealing joints.

## Technical data

- Basis: SMP
- Density: 1,40 kg/l
- Storage temperature: not below + 5 °C
- Processing conditions: not below 15 °C floor temperature; relative air humidity between 40 % and max. 75 %
- Material consumption:
  - notched trowel TKB A1-A4: 250 - 350 g/m<sup>2</sup>
  - notched trowel TKB B1: 430 g/m<sup>2</sup>
- Waiting time: approx. 0 - 20 min
- Open time: approx. 30 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. High humidity and high temperatures accelerate, low humidity and low temperatures slow down the setting.



# SCHÖNOX® PROTECT

## Packaging

- 14,0 kg plastic pail

## Storage

- Store SCHÖNOX PROTECT 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

- RS 10 - laying materials methoxysilane based

## EPD - Self-declaration

Sika Deutschland GmbH declares that the product fulfills the criteria for reaction resins based on polyurethane or SMP, filled or aqueous, solvent-free.

## ENVIRONMENTAL PRODUCT DECLARATION

acc. to ISO 14025 and EN 15804

## Owner of declaration

FEICA - Association of the European Adhesive and Sealant Industry

## Editor

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

## Program owner

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

## Number of declaration

EPD-FEI-2015-0250-IBG1-EN

## Hazard class

- does not apply

## Instructions

- Clean tools immediately after use with SCHÖNOX FIX CLEAN.
- Wipe impurities immediately from the covering surface and remove residual skin using a suitable cleaning agent (e.g. SCHÖNOX FIX CLEAN).
- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.

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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