

SCHÖNOX® DUROCOLL

Very low emission, fibre reinforced, strong dispersion adhesive

suitable for gluing PVC-designcoverings (LVT's), PVC- and CV-floor coverings as well as needlefelt coverings on absorbent substrates. For interior use. The strong elastic adhesive groove counteracts to dimensional changes of the covering.



Product characteristics

- approved by the building authorities
- Emission tested building product according to ABG - approval no. Z-155.20-168
- EMICODE EC 1^{PLUS}: very low emission
- Meets the requirements of the Marine Equipment Directive (MED) 2014/90/EU
- reinforced with fibres
- plasticizer-resistant
- for interior use
- suitable for wet adhesion
- solvent-free according to TRGS 610
- low odour
- low consumption / high coverage
- 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
- hard elastic glue line
- short waiting time
- easy to apply
- suitable on all SCHÖNOX levelling compounds
- very high final strength
- rapid development of adhesion strength

Applications

SCHÖNOX DUROCOLL is suitable for bonding of:

- Luxury vinyl tiles (LVT)
 - PVC and CV floor coverings
 - textile coverings with
 - PVC backing
 - single or multi-layer needlefelt
 - SCHÖNOX TS
- on suitable absorbent substrates in living- and business areas (interior).

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.
- 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.
- 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 DUROCOLL is a very low emission dispersion adhesive and should be stirred before use.
- Coverings to be laid with SCHÖNOX DUROCOLL 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:
 - PVC and CV floor coverings: TKB A1
 - Luxury vinyl tiles (LVT) : TKB A1/A2
 - Textile coverings with PVC backing and sound insulation mat: TKB A1/A2
 - Textile coverings: TKB B1/B2
- The right amount of adhesive is determined by the backing of the covering. Ensure that there is adequate wetting.
- 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: synthetic resin dispersion with bonding additives
- Color: cream-beige
- Density: 1,35 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 15 °C floor temperature
- Material consumption:
 - notched trowel TKB A1-A2: 250 - 300 g/m²
 - notched trowel TKB B1-B2: 350 - 450 g/m²
- Waiting time: approx. 5 - 20 min
- Open time: approx. 20 - 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.



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■ 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.

- The mode for laying PVC designer tiles and planks should be adjusted to the open time of the adhesive.

- Direct securing to old adhesive residues can lead to interactions and thus to unpleasant smells.

Packaging

- 14,0 kg plastic pail
- 3 kg plastic pail

Storage

- Store SCHÖNOX DUROCOLL 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^{PLUS}: very low emission

GISCODE

- D1 - solvent-free dispersion adhesives and primers

EPD - Self-declaration

Sika Deutschland GmbH declares that the product fulfills the criteria for dispersion based products, 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-20160086-IBG1-EN

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.
- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

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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