

SCHÖNOX® iFLOOR®

Very low emission, dispersion based rollable adhesive

for laying of suitable LVT-coverings as planks and tiles on levelled substrates in interior areas.



Product characteristics

- approved by the building authorities
- Emission tested building product according to DIBt-principles - approval no.: Z-155.20-159
- EMICODE EC 1^{PLUS}: very low emission
- Meets the requirements of the Marine Equipment Directive (MED) 2014/90/EU
- long open time
- low consumption / high coverage
- short waiting time
- no squeezed adhesive under load
- workable in upright position
- good ability to renovate
- for interior use
- solvent-free according to TRGS 610
- low odour
- bonded coverings can be loaded directly
- suitable for castor wheels in accordance with EN 12 529
- suitable for application on subfloor heating systems
- suitable on all SCHÖNOX levelling compounds

Applications

SCHÖNOX iFLOOR is suitable for bonding of:

- LVT-coverings as tiles and planks (max. length of the elements 1.300 mm) (Pay attention to the list of tested and approved coverings)
- on by SCHÖNOX levelling compounds prepared 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.
- Before applying SCHÖNOX iFLOOR prime the subfloor using SCHÖNOX KH FIX.
- 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.

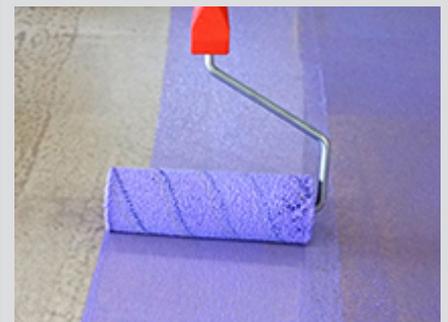
Recommended method of working

- SCHÖNOX iFLOOR is a very low emission dispersion adhesive and should be stirred before use.
- Coverings to be laid with SCHÖNOX iFLOOR should be conditioned, unstressed and in a flat position.
- Prime substrates prepared with SCHÖNOX levelling compounds after drying using SCHÖNOX KH FIX and SCHÖNOX KH FIX ROLL to bind dust / improve adhesion.
- Apply SCHÖNOX iFLOOR evenly with a luscious structure to the substrate using SCHÖNOX iFLOOR ROLL. Avoid puddles and lumps of adhesive.
- Take care for a sufficient layer of adhesive (at least 80 g/m²).
- Laying stages:
 - "contact phase": SCHÖNOX iFLOOR is skin-dry and still tacky.
- After laying without bubbles, rub down the covering and after a waiting time again roll it by a flooring roller (≥ 30 kg).
- Laid areas are directly ready to walk on and to load. Surface of the covering can be sealed directly after laying.

Technical data

- Basis: synthetic resin dispersion with bonding additives
- Color: magenta
- Density: 1,00 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 15 °C floor temperature
- Surface temperature of the covering: max. 27 °C
- Material consumption: at least 80 g/m²
- Waiting time: approx. 10 - 15 min
- Open time: up to 2 hours
- Drying time: none

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



SCHÖNOX® iFLOOR®

- Replacement of single planks and resetting is normally possible without further preparation of the subfloor.

Packaging

- 125 m² Set
- 50 m² Set

Storage

- Store SCHÖNOX iFLOOR 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 of class a.

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-20160084-IBG1-EN

Date of issue

29.08.2016

Valid until

28.08.2022

Hazard class

- does not apply

Instructions

- The list of tested and approved coverings is available via the internet or on request.
- In wet areas or areas with increase heat development (like shop windows, winter gardens) we recommend to use SCHÖNOX PU 900 for gluing. The covering must be approved on part of the covering producer for this range of application and for gluing by PU-adhesives.
- 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.
- Laying is only approved on SCHÖNOX levelling compounds. If other levelling compounds are used or not approved LVT's are laid, liability is excluded.
- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.
- The BEB-leaflet "Beurteilen und Vorbereiten von Untergründen; Verlegen von elastischen und textilen Bodenbelägen, Schichtstoffelementen (Laminat), Parkett und Holzpflaster; Beheizte und unbeheizte Fußbodenkonstruktionen" should be followed.

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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