

SCHÖNOX® EMICLASSIC®

Universal pressure sensitive dispersion adhesive

Universal pressure sensitive dispersion adhesive for all flexible coverings, for textile coverings with PVC-, PU backing, filler-free backing, linoleum coverings, synthetic rubber coverings and impact sound insulation underlay on absorbent and non-absorbent substrates in interior areas.



Product characteristics

- approved by the building authorities
- Emission tested building product according to DIBt-principles - approval no.: Z-155.20-167
- EMICODE EC 1^{PLUS}: very low emission
- Meets the requirements of the Marine Equipment Directive (MED) 2014/90/EU
- for interior use
- suitable for wet adhesion and pressure-sensitive 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
- strong stringiness
- short waiting time
- suitable on all SCHÖNOX levelling compounds
- easily spread
- rapid development of adhesion strength
- suitable for difficult coverings

Applications

SCHÖNOX EMICLASSIC 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
- Luxury vinyl tiles (LVT)
- SCHÖNOX TS

- linoleum coverings in sheets
- cork coverings
- cork linoleum
- corkment
- synthetic rubber coverings with smooth and sanded backing
- synthetic rubber coverings with elastic foam underlay on suitable substrates in interior areas. Also on old firm PVC and CV coverings, synthetic rubber coverings, linoleum, sealed parquet, natural and artificial stone in combination with SCHÖNOX SHP or SCHÖNOX FS.

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, 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 EMICLASSIC is a very low emission dispersion adhesive and should be stirred before use.

Technical data

- Basis: synthetic resin dispersion with bonding additives
- Color: beige
- Density: 1,1 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 15 °C floor temperature
- Material consumption:
 - roller: approx. 200 g/m²
 - notched trowel TKB A1-A4: 200 - 280 g/m²
 - notched trowel TKB B1-B3: 350 - 450 g/m²
- Waiting time: approx. 10 - 60 min
- Open time: approx. 20 - 60 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® EMICLASSIC®

- Coverings to be laid with SCHÖNOX EMICLASSIC 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: TKB A1, A2, A4, B1, B2 and B3.
- 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 EMICLASSIC 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.

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.

Packaging

- 14,0 kg plastic pail
- 6,0 kg plastic pail

Storage

- Store SCHÖNOX EMICLASSIC 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-20160086-IBG1-EN

Date of issue

29.08.2016

Valid until

28.08.2021

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. On absorbent substrates it is therefore recommended to use preferably SCHÖNOX DURO-COLL.
- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.

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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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