



SCHÖNOX® EMICLASSIC

Universal pressure sensitive dispersion adhesive for all flexible coverings

suitable for bonding PVC and CV wall and floor coverings, textile coverings with PVC, foam, synthetic, latex coated and 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

- EC1: very low emission
- for interior use
- suitable for wet adhesion and pressure-sensitive adhesion
- solvent-free following TRGS 610
- low odour
- low consumption
- suitable for castor wheels according to DIN EN 12 529
- suitable for shampooing according to RAL 991 A2
- suitable on underfloor heating systems
- strong stringiness
- short waiting time
- suitable on all SCHÖNOX levelling compounds
- easily spread
- rapid development of bonding strength
- also for difficult coverings

Applications

SCHÖNOX EMICLASSIC is suitable for bonding of:

- textile wall and floor coverings with
 - foam backing, either smooth or embossed
 - latex foam, latex coated or polyurethane foam backing
 - synthetic secondary backing or jute backing
 - felt backing
 - filling compound-free backing construction
- woven fabrics
- single or multi-layer needlefelt
- natural fibre coverings with backing such as coir and sisal
- PVC and CV wall and floor coverings
- designer or vinyl tiles and planks
- impact sound insulation underlays
- linoleum coverings in broadloom (linoleum may be laid on impervious subfloors)
- cork linoleum
- corkment underlays
- 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 (before levelling) or SCHÖNOX DS.

Requirements of substrate

- Subfloors must be smooth, sound, clean, dry and free of any contaminants which may hinder adhesion.

- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Subfloor should have an effective damp proof membrane.
- With subsequent laying of floor coverings, where moisture readings are above 75%RH, as tested with a properly calibrated hygrometer or > 2.0 CM% then application of SCHÖNOX EG may be used to suppress residual moisture (see data sheet) Gypsum screeds should have a reading of < 0.5 CM%.
- Old, suitable coverings should be firmly laid, thoroughly cleaned, sanded and levelled with SCHÖNOX DS. A longer waiting time is possible.
- Highly absorbent substrates in wall areas should be primed.
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds.
- Refer to the technical product information of the coverings manufacturer for substrate requirements for specific coverings.
- The requirements of the relevant valid standards, BS CP102, BS 5325, BS 8203, guidelines and data sheets apply.

Technical data

- | | |
|--|---|
| ● basis | synthetic resin dispersion with bonding additives |
| ● color | beige |
| ● density | 1,10 kg/l |
| ● storage temperature | not below 5 °C |
| ● temperature resistance with underfloor heating | up to +50 °C |
| ● working temperature | not below +15 °C |
| ● material consumption/coverage | roller
approx. 200 g/m ²
(5 m ² per kg)
notched trowel TKB A1-A4
200 - 300 g/m ²
(3.33 - 5 m ² per kg)
notched trowel TKB B1-B3
300 - 500 g/m ²
(2 - 3.33 m ² per kg) |
| ● 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

SCHÖNOX® EMICLASSIC

substrate, to special covering requirements and to the applicator device.

Recommended method of working

- SCHÖNOX EMICLASSIC is a very low emission universal dispersion adhesive and should be stirred before use.
- Coverings that are to be bonded with SCHÖNOX EMICLASSIC should be conditioned, unstressed and in a flat position.
- Spread the adhesive evenly on the substrate using the spreader or roller. Avoid lumps of adhesive. Recommended trowel sizes: TKB A1, A2, A4, B1, B2 and B3.
- The correct notching is determined by the reverse side of the covering. Ensure that the adhesive had good transfer.
- Porous subfloors
 - Impervious floor coverings, PVC, CV and rubber should be laid during the „semi-wet phase“.
 - Textile and linoleum floor coverings should be laid during the „wet phase“.
- Non-porous subfloors
 - Impervious floor coverings should be laid during the „contact phase“.
 - Textile and linoleum floor coverings should be laid during the „semi-wet phase“.
- After laying without bubbles, roll the floor covering and a second rolling if required at a later stage.
- The distance between each linoleum strip should be at least the thickness of a postcard.
- Apply SCHÖNOX EMICLASSIC on walls with a roller. Afterwards spread the adhesive with a notched trowel to have a good transfer. If in doubt, we recommend testing in a small area.
- Wait at least 24 hours before grooving or welding 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.
- Direct bonding to old adhesive residues can lead to interactions and thus to unpleasant smells.

Packaging

- 14.0 kg plastic pail

Storage

- Store SCHÖNOX EMICLASSIC in a cool, frost-free condition. Storage life 12 months.
- Containers that have been opened should be closed immediately.
- Remove any skin that has formed, do not stir in.

Disposal

- Empty containers, scraped-out, drip-free and dispose of in accordance with the regulations.

EMICODE

- EC1: very low emission

GISCODE

- D1 – solvent-free dispersion adhesives and primers

Hazard class

- does not apply.

Instructions

- Clean tool immediately in water with low surface tension.
- Remove fresh adhesive spots using water with low surface tension; dried-in spots should be removed using a solvent-based thinner.
- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.



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The SCHÖNOX management system
is certified to ISO 9001 and 14001 by DQS.

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.