

SCHÖNOX[®] EMICLASSIC

Product data sheet **1.57**

Universal Pressure Sensitive Acrylic Adhesive for all Flexible Coverings

suitable for bonding all type of vinyls, carpets, linoleum and synthetic rubber coverings as well as impact sound insulation underlayments on porous and non-porous substrates in interior areas.

Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- Benefits to Environment and Health
- for interior use only
- on floors and walls
- suitable for wet tack and pressure-sensitive installations
- solvent-free
- low odor
- high strength
- high coverage
- suitable on underfloor heating systems
- short waiting time
- suitable on all SCHÖNOX underlayments
- easy to apply
- conforms with MED 96/98/EC

Applications

SCHÖNOX EMICLASSIC is suitable to install

- textile wall and floor coverings with
 - foam backing, smooth or embossed
 - latex foam, latex coated or polyurethane foam backing
 - synthetic secondary backing or jute backing
 - felt backing
 - filler-free backings
 - woven fabrics
 - needlefelt
 - natural fiber coverings with backing such as coir and sisal
 - PVC and cushioned vinyl wall and floor coverings
 - impact sound insulation underlayers
 - linoleum
 - cork linoleum
 - corkment underlayers
 - synthetic rubber with smooth and sanded backing
 - synthetic rubber with elastic foam underlayer
- on suitable substrates in interior areas.

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 underlayments as required.
- Before applying SCHÖNOX EMICLASSIC, a Moisture Vapor Emission Rate per ASTM F-1869 or a relative humidity of the concrete, using ASTM F-2170 must be obtained. Moisture test results should not exceed 9 lbs./1000 sq. ft./24 hrs. (per ASTM

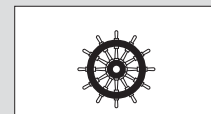
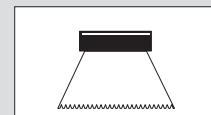
F1869), or 90% RH (per ASTM F2170) prior to install carpet or vinyl on cementitious substrates. Where moisture readings exceed 9 lbs./1000 sq. ft./24 hrs. (per ASTM F1869), or 90% RH (per ASTM F2170) or with subsequent laying of rubber or linoleum floor coverings on cementitious substrates, where moisture readings are above 85%RH or 6lbs./1000 sq.ft./24 hrs. then application of SCHÖNOX SDG, SCHÖNOX MR 18 or SCHÖNOX EPA may be used to suppress residual moisture (see data sheet). Always follow the directions of the floor covering manufacturer regarding the maximum allowable substrate moisture content and test the substrate prior to installing SCHÖNOX EMICLASSIC.

- Gypsum screeds should always be dry. Do not use moisture mitigation systems on gypsum substrates.
- Gypsum screeds should be grinded and vacuumed prior to further treatment.
- Old water-soluble adhesives should be removed completely, old water-resistant adhesives should be mechanically removed as far as possible. The complete mechanical removal of cutback (i.e. grinding, sanding, blasting) can be hazardous as old cutback adhesive may contain asbestos. Do not sand or grind adhesive residue. Harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Please consult the adhesive manufacturer and all applicable government agencies for rules and regulations concerning the removal of flooring and adhesives that contain asbestos. Prime remaining adhesive residues accordingly.
- All slabs on or below grade level must be known to have an intact vapor retarder directly beneath the concrete in conformance to the relevant standards. If in doubt, please contact our SCHÖNOX representative for further advise.
- Old floors such as ceramic tiles should be thoroughly cleaned and grinded.
- Old, suitable and well fitted coverings should be thoroughly cleaned, sanded and leveled with SCHÖNOX underlayments.
- Strong absorbent substrates on walls should be primed prior to applying SCHÖNOX EMICLASSIC.
- Follow the technical product information of the floor coverings manufacturers regarding specific substrate requirements for their coverings.
- As some vinyl tiles and planks may change

Technical data

- basis: acrylic dispersion with bonding additives
- color: beige
- density: 1.10 kg/l
- storage temperature: not below 41 °F
- temperature resistance with underfloor heating: up to 122 °F
- working temperature: not below 59 °F
- waiting time: approx. 10 - 60 min
- open time: approx. 20 - 60 min
- drying time: approx. 24 hours
- final strength: after approx. 72 hours
- coverage per 4 gal. unit when applied with
 - roller: approx. 850 sq. ft. per unit;
 - notched trowel 1/16" x 1/16" x 1/16": 600 - 800 sq. ft. per unit;
 - notched trowel 1/8" x 1/8" x 1/16" or 3/32" x 3/32" x 3/32": 380 - 520 sq. ft. per unit

All values are approximate, are subject to local climatic fluctuations based upon conditions at 70°F with atmosphere of less than 65 % relative humidity following the recommended mixing ratio. Do not install underlayment or topping before the substrate has dried thoroughly.



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dimensions as a result of how the product was manufactured, SCHÖNOX cannot be held responsible for installation issues caused by dimensional changes in flooring structures.

- The requirements of the relevant valid standards, guidelines and data sheets apply.

Recommended method of working

- SCHÖNOX EMICLASSIC is 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. Testing of the recommended trowels is essential to ensure a good wetting!
- Absorbent substrates:
 - Impervious floor coverings, vinyls and rubber should be fitted during the "semi-wet phase".
 - Textile and linoleum floor coverings should be fitted during the "wet phase".
- Non-absorbent substrates:
 - Impervious floor coverings should be fitted during the "contact phase".
 - Textile and linoleum floor coverings should be fitted during the "semi-wet phase".
- Laying stages:
 - "wet phase": applied adhesive does not yet display any stringiness.
 - "semi-wet phase": start of the contact phase, glue line domes are transparent, stringiness is present, glue line is not yet dried through.
 - "contact phase": adhesive film is transparent, but still tacky.
- After fitting the covering without any bubbles, roll the covering using a metal roller. A second rolling should be done if required at a later stage.
- Apply SCHÖNOX EMICLASSIC on walls with a 3/8" nap roller. Afterwards spread the adhesive with a notched trowel to guarantee the required adhesive transfer. If in doubt, we recommend testing in a small area.
- Wait at least 24 hours before grooving or welding.
- Remove fresh securing spots by using soapy water, dried spots clean with SCHÖNOX FIX CLEAN.
- Direct bonding to old adhesive residues can lead to interactions and thus to unpleasant smells.
- In areas with very high humidity and temperature we recommend using SCHÖNOX PU 900 adhesive.
- Clean tools in water immediately after use.

Packaging

- 4 gallons in plastic container

Storage

- Store in cool, frost-free conditions.
- Shelf life: 1 year unopened.
- Containers that have been opened should be closed immediately.
- Remove any skin that has formed, do not stir in.

Disposal

- Empty containers and dispose of in accordance with federal, state and local waste disposal regulations.

VOC Content

- 0g/l (calculated), SCAQMD 1168

LEED

May help contribute to LEED certification of projects in the categories:

- EQc2
Low-Emitting Materials – 1 to 3 points

Environmental Product Declaration (EPD)

- Declaration number:
EPD-DIV-20140063-IBG1-EN

Precautions

- Follow the product data sheets for the SCHÖNOX supplementary products mentioned and used.
- If in doubt, please obtain further manufacturer's information or test in a small area.
- Avoid eye and skin contact. Close container after each use. Do not reuse container. Do not flush adhesive down drains, sewers or waterways. KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on product label. For complete safety information, please refer to the Material Safety Data Sheet, or visit our website at www.schonox.us.

Limitation of Liability

To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchantability and fitness for particular purpose. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor or cost of labor and other consequential damages are hereby excluded. SCHÖNOX does not authorize anyone, including SCHÖNOX Representatives, to make any statements which supersede, modify or supplement the information provided on its printed literature or package labels without written confirmation.

The applicable recommendations, guidelines, regulations and safety data sheets are to be observed, together with the recognized 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 SCHÖNOX management system is certified to ISO 9001 and 14001 by DQS.

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