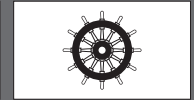
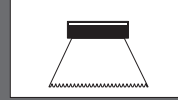


SCHÖNOX EMICLASSIC

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 underlayers 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 or jute backing
 - felt backing
 - filler-free backings
- woven fabrics
- needlefelt
- natural fiber coverings with backing such as coir and sisal
- vinyl and cushioned vinyl
- impact sound insulation underlayers
- linoleum
- cork linoleum
- corkment underlayers
- synthetic rubber with smooth and sanded backing or backing with elastic foam 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 and a Relative Humidity of the concrete, using ASTM F-2170 must be obtained.
- SCHÖNOX EMICLASSIC is suitable to install vapor open floor coverings (such as carpet), LVT or VCT over properly prepared concrete up to 15 lbs./1000 sq. ft/24 hrs. or 95%RH. Properly prepared concrete is achieved by installing a moisture resistant underlayment or patching compound (minimum layer thickness above 1/8")

following the referring technical data sheet.

- Where moisture readings exceed 15 lbs./1000 sq. ft/24 hrs. or 95% RH (or 9 lbs./90%RH prior to install linoleum or rubber) then application of SCHÖNOX MR 18 or SCHÖNOX EPA and EPA RAPID 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 substrates should always be dry. Do not use moisture mitigation systems on gypsum substrates.
- Gypsum substrates 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. Refer to the Resilient Floor Covering Institute's publication "recommended work practice for removal of resilient floor coverings" for instruction. 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 suitable SCHÖNOX underlayments.
- Extremely porous substrates (on floors and walls) should be primed prior to applying SCHÖNOX EMICLASSIC.
- Always follow the floor covering manufacturers guidelines regarding specific substrate requirements for their coverings.
- As some vinyl tiles and planks may change 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.

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: approx. 72 hours
- coverage per unit when applied with
 - roller:
 - approx. 850 sq. ft. per 4 gallon or 245 sq.ft. per 1.25 gallon
 - notched trowel 1/16" x 1/16" x 1/16":
 - approx. 600 - 800 sq. ft. per 4 gallon or 190-250 sq. ft. per 1.25 gallon
 - notched trowel 1/8"x1/8"x1/16" or 3/32"x3/32"x3/32":
 - approx. 380 - 520 sq. ft. per 4 gallon or 120-165 sq. ft. per 1.25 gallon

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.



SCHÖNOX EMICLASSIC

Recommended method of working

- SCHÖNOX EMICLASSIC is stirred before use.
- Floor coverings must always be conditioned, unstressed and lay flat without any deformation. Always acclimate the floor covering accordingly following the manufacturers guidelines.
- Spread the adhesive evenly on the substrate using a suitable notched trowel or roller. Avoid lumps of adhesive. Testing of the recommended trowels is essential to ensure a good wetting!
- Porous substrates:
 - Resilient coverings are installed during the "semi-wet phase".
 - Carpet and linoleum is installed during the "wet phase".
- Non porous substrates:
 - Resilient coverings are installed during the "contact phase".
 - Carpet and linoleum is installed during the "semi-wet phase".
- Laying phases:
 - "wet phase": applied adhesive does not yet show any stringiness.
 - "semi-wet phase": early contact phase, glue line domes get transparent, starting stringiness, glue lines still wet.
 - "contact phase": adhesive film 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.
- On walls apply SCHÖNOX EMICLASSIC using 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 spots by using soapy water, dried spots clean with an appropriate cleaning wipe.
- Direct bonding to old adhesive residues can lead to interactions and thus to unpleasant smells.
- In areas with heavy loadings, high humidity or temperature we recommend using SCHÖNOX PROTECT.
- Clean tools immediately after use.

Packaging

- 4 gallons in plastic container
- 1.25 gallons in plastic container

Storage

- Store in cool, frost-free conditions.
- Shelf life: 1 year unopened.
- 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 contribute to LEED v4 in categories:

- EQc2 - 3 points
Low-Emitting Materials
- MRc2 - 1 point
Environmental Product Declaration
- MRc4 - 1 point
Material Ingredients

Environmental Product Declaration (EPD)

- Declaration number:
EPD-DBC-20220147-IBF1-EN

Precautions

- Always install an adequate number of properly located test areas, to include the finish flooring, to determine the suitability of the product for its intended use. As floor coverings vary, always contact and rely upon the floor covering manufacturer for specific directions such as maximum allowable moisture content, adhesive selection, and intended end use of the product.
- Avoid eye and skin contact. Close container after each use. Do not reuse container. Do not flush adhesive down drains, sewers or waterways.

Prior to each use of any SCHÖNOX product, the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at www.hpsubfloors.com, or by calling the HPS SCHÖNOX Technical Service Department at 855-391-2649. Nothing contained in any SCHÖNOX materials relieves the user of the obligation to read and follow the warnings and instruction for each SCHÖNOX product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to product use. This product data sheet supersedes all previous editions.



Management system certified to ISO 9001 and 14001 by SQS.

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