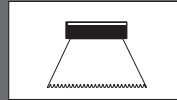


SCHÖNOX PROTECT

Universal Resilient Flooring Adhesive

Suitable for bonding vinyl and rubber floor coverings as well as other materials on porous and non-porous substrates in interior areas.



Product characteristics

- EMICODE EC 1^{PLUS}: very low emission regulated
- for interior use
- solvent-free
- water free
- moisture resistant
- non-shrinking even in thicker layers
- suitable on underfloor heating systems
- temperature resistant after curing
- heavy duty
- low odor
- long open time
- easy to apply
- high strength

Applications

SCHÖNOX PROTECT is suitable for bonding floor coverings, such as:

- sheet vinyl
- LVT, VCT
- synthetic rubber coverings
- linoleum coverings in sheets
- rubber and cork granulate underlays
- suitable artificial turf

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 leveling compounds as required.
- 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.
- This product is not a vapor barrier and will allow free passage of moisture. Before applying SCHÖNOX PROTECT, a Moisture Vapor Emission Rate per ASTM F-1869 or a relative humidity of the concrete, using ASTM F-2170 must be obtained. Where moisture readings are above 95% RH or 18 lbs./1000 sq.ft./24hrs then application

of SCHÖNOX EPA, SCHÖNOX EPA RAPID or SCHÖNOX MR 18 may be used to suppress residual moisture (see data sheet). Always follow the directions of the floor covering manufacturer regarding the maximum allowable moisture content and test the substrate prior to installing SCHÖNOX PROTECT.

- Do not use SCHÖNOX PROTECT where hydrostatic pressure conditions exist or where moisture vapor emissions exceed the recommended levels.
- 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.
- Always follow the floor covering manufacturers guidelines regarding specific substrate requirements for their coverings.
- As some floor coverings 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.

Recommended method of working

- 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. Avoid lumps of adhesive. Testing of the recommended trowels is essential to ensure a good wetting!
- 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.
- Wait at least 24 hours before grooving or welding.
- Clean tool immediately after use with an appropriate cleaner.

Packaging

- 3 gallons in plastic container

Storage

- Store in cool, frost-free conditions.
- Shelf life: 12 months unopened.
- Remove any skin that has formed, do not stir in.

Technical data

- basis: SMP
- colour: off white
- density: 1.4 kg/l
- storage temperature: not below 41 °F
- working temperature: not below 59 °F floor temperature
- coverage per unit when applied with
 - notched trowel 1/16" x 1/16" x 1/16": approx. 480 - 670 sq.ft.;
 - notched trowel 1/8"x1/8"x1/16": approx. 400 - 480 sq.ft.
- waiting time on substrates:
 - porous: 0 - 10 minutes
 - non porous: approx. 20 minutes
- open time: approx. 30 minutes
- drying time: approx. 24 hours
- final strength: after approx. 48 - 72 hours

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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Disposal

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

VOC Content

- 0g/l (calculated) SCAQMD 1168

LEED

Contributes to LEED v4.1 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-FEI-20220021-IBG1-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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