

Rapid Drying, Ready-Mixed Acrylic Moisture Mitigation System

suitable on unheated cement based substrates with residual moisture up to 93% RH or 12 lbs./1000 sq.ft./24 hrs. in interior areas before applying SCHÖNOX underlayments.

Product characteristics

- EMICODE EC 1^{PLUS}; very low emission
- rapid drying
- solvent-free
- for interior use only
- water resistant
- excellent penetration
- high coverage
- short waiting time
- ready mixed
- easy to apply
- no additional primer needed before leveling

Applications

- on unheated, moisture-resistant cement based substrates with residual moisture before applying SCHÖNOX underlayments prior to install flexible coverings as well as wood floor.
- Up to 90% RH or 10 lbs./1000 sq.ft./24 hrs. SCHÖNOX SDG is applied as a 2 coat system.
- Above 90% RH or 10 lbs./1000 sq.ft./24 hrs. up to 93% RH or 12 lbs./1000 sq.ft./24 hrs. SCHÖNOX SDG is applied as a 3 coat system.

Requirements of substrate

- Subfloors must be smooth, sound, clean, dry and free of any contaminants which may hinder adhesion.
- Power floated screeds and concrete with a "shiny" finish should be grinded or lightly shot blasted to achieve CSP 2 – 3 prior to use of SCHÖNOX SDG.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX underlayments as required.
- Repair non structural cracks using SCHÖNOX PGH following the referring product data sheet. Moving joints must be honored up to the final surface.
- Substrate temperature must be at least 5°F away from the dew point during application and drying to avoid condensation on the surface.
- To ensure an ideal, dust-free surface, vacuum the substrate properly using an industrial vacuum cleaner.
- Adhesives and residues have to be removed completely. 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.

- The requirements of the relevant valid standards, guidelines and data sheets apply.
- Do not use moisture mitigation systems on gypsum substrates.
- Do not use SCHÖNOX SDG on substrates with hydrostatic pressure.

Recommended method of working

- SCHÖNOX SDG is stirred or shaken before use.
- Apply SCHÖNOX SDG avoiding puddles using a suitable tool such as a long-piled 3/8" nap roller avoiding puddles.
- Apply the first coat SCHÖNOX SDG to fill the pores. After a waiting time of approx. 15 minutes (at 65 °F floor temperature) or after drying apply the second coat crosswise to build up a tight film. When required, the 3rd coat is applied crosswise again after a waiting time of approx. 60 minutes.
- As a 2 coat system after approx. 1 hour (at 65 °F floor temperature) or after drying the substrate is ready for applying a SCHÖNOX leveling compound. When applied as a 3 coat system, the SCHÖNOX leveling compound can be applied the following day after at least 16 hours.
- Clean tools in water immediately after use.

Mixing ratio

- Apply undiluted

Packaging

- 2.2 gallons in plastic container

Storage

- Store in cool, frost-free conditions.
- Shelf life: 1 year unopened.
- Canisters that have been opened should be closed immediately.

Disposal

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

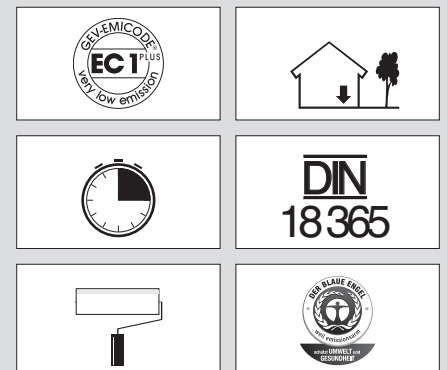
VOC Content

- 0g/l (calculated), SCAQMD 1113

Technical data

- basis: acrylic dispersion
- color: yellow
- density: 1.2 kg/l
- storage temperature: not below 41 °F
- working and substrate temperature: not below 59 °F
- coverage:
 - 350 - 400 sq.ft. per unit based on a two coat system
 - 220 - 270 sq.ft. per unit based on a three coat system
- ready to apply 2nd coat: approx. 15 minutes
- ready to apply 3rd coat: approx. 60 minutes
- ready for foot traffic (after applying 2nd or 3rd coat): approx. 45 minutes
- ready for leveling (after applying 2nd coat): approx. 1 hour
- ready for leveling (after applying 3rd coat): approx. 16 hours
- Permeance (ASTM E96):
 - ≤ 0.4 perm (2 coats)
 - ≤ 0.2 perm (3 coats)

All values are approximate at 65 °F floor temperature, are subject to local climatic fluctuations and vary according to the absorbency of the substrate and to the applicator device. Do not install underlayment or topping before the substrate has dried thoroughly.



LEED

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

- MRC3
Environmentally Preferable Products
0,5 to 5 points

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 primer 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.

In North America provided by:

HPS North America, Inc
Phone: 855.391.2649
Fax: 256.246.0346
Email: info@hpsubfloors.com
<http://www.hpsubfloors.com>