

SCHÖNOX KH FIX

Ready Mixed, Solvent-Free Acrylic Primer

Designed as a primer for calcium sulfate based substrates (gypsum) as well as to bind residual dust and improve adhesion prior to install luxury vinyl tiles (LVT) using the SCHÖNOX ROLL AND GO™ adhesive on suitable interior substrates.



Product characteristics

- EMICODE EC 1^{PLUS}: very low emission^{PLUS}
- Benefits to Environment and Health
- solvent-free
- ready for use
- easy to apply
- low odor
- for interior and exterior use
- short waiting time
- rapid drying
- suitable on walls and floors
- high coverage
- suitable on floor heating systems
- easy to apply
- grip promoting
- binds residual dust
- fast film building
- can be applied to almost all substrates
- conforms with MED 96/98/EC

Applications

SCHÖNOX KH FIX is suitable as a primer:

- to reduce absorbency of porous substrates.
- to improve adhesion on suitable substrates.
- to protect gypsum based substrates against moisture from following leveling compounds and thin-sets.
- to bind residual dust and improve adhesion before fitting luxury vinyl tiles in interior areas using the SCHÖNOX ROLL AND GO™ adhesive in residential and commercial areas.

Substrates

SCHÖNOX KH FIX is suitable on:

- gypsum based substrates
- concrete, cement based substrates
- old water-resistant adhesive residues
- gypsum board (walls)

as well as on:

- SCHÖNOX self-leveling compounds, preferably SCHÖNOX AP, or smooth porous concrete prior to install LVT using the SCHÖNOX ROLL AND GO™ adhesive following the referring product data sheets.

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.
- 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. Follow the directions of the floor covering manufacturer regarding the maximum allowable substrate moisture content and test the substrate prior to installing SCHÖNOX KH FIX. Where substrate moisture exceeds the maximum allowed then application of SCHÖNOX SDG PLUS, SCHÖNOX MR 18 or SCHÖNOX EPA may be used to suppress residual moisture.
- 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.
- Extremely porous substrates may require a second primer coat to avoid the following underlayment to be affected (pin-holing, surface irregularities). Apply second coat when first coat is dry to the touch, drying time of second coat 4 hours.
- 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.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

Mixing ratio

- apply SCHÖNOX KH FIX undiluted

Recommended method of working

- SCHÖNOX KH FIX is stirred or shaken before use.
- Apply SCHÖNOX KH FIX using a suitable tool such as the SCHÖNOX KH FIX ROLLER, a short nap or fine pored roller. Avoid formation of puddles.
- Clean tools in water immediately after use.

Packaging

- 1.3 gallons in plastic container
- 2 x 0.25 gallons plastic bottle as part of the SCHÖNOX ROLL AND GO™-SET

Technical data

- basis: acrylic dispersion
- color: purple
- density: 1.0 kg/l
- storage temperature: not below 41 °F
- working temperature: not below 59 °F
- coverage per unit of 1.3 gallons (depending on porosity of substrate):
 - approx. 300 – 500 sq.ft.
 - approx. 1,300 - 1,400 sq.ft. when used as a primer for the SCHÖNOX ROLL AND GO™ adhesive (using the SCHÖNOX KH FIX ROLLER)
 - approx 540 sq.ft. per 2 units of 0.25 gallons when used as part of the SCHÖNOX ROLL AND GO™ SET
- waiting time:
 - approx. 10 minutes on concrete, cement based substrates
 - approx. 10 min. prior to use SCHÖNOX AP or APF on gypsum based substrates
 - approx. 30 min. on old, water resistant adhesive residues
 - approx. 1 hour prior to use cement based underlayments or thin-sets on SCHÖNOX AP and APF, but 3 hours on any other gypsum substrate
 - approx. 1 hour on gypsum board (walls)

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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Storage

- Store in cool, frost-free conditions.
- Shelf life: 1 year unopened.

Disposal

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

VOC Content

- 0g/l (calculated), SCAQMD 1113

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-DIV-20140063-IBG1-EN

Instructions

- 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.
- Low substrate temperatures and/or high ambient humidity require longer drying times for primers.

Precautions

- Avoid eye and skin contact. Close container after each use. Do not reuse container. Do not flush primer down drains, sewers or waterways.

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Management system certified
to ISO 9001 and 14001 by SQS.

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