

SCHÖNOX KH

Product data sheet **7.01**

Solvent-free synthetic resin dispersion

SCHÖNOX KH is a primer resistant to saponification for reducing absorbency and for increasing adhesion on cementitious substrates as well as for protecting gypsum substrates against moisture. For interior and exterior use.

Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- solvent-free according to TRGS 610
- drying to an elastic synthetic resin film
- on walls and floors
- low consumption / high coverage
- suitable for application on subfloor heating systems
- short waiting time
- can be applied to almost all substrates
- resistant to saponification
- easy to apply
- can be diluted with water
- grip promoting
- binds residual dust
- low odour

Applications

SCHÖNOX KH is suitable:

- as a primer for reducing absorbency
- as a primer to improve adhesion for SCHÖNOX-floor levelling compounds on smooth and sound substrates
- as a primer to protect against moisture from levelling compounds
- to form bonding slurries in combination with SCHÖNOX PL, SCHÖNOX PL PLUS, SCHÖNOX FPL PLUS, SCHÖNOX SEZ, SCHÖNOX SEB or portland cement (CEM I)

Substrates

SCHÖNOX KH is suitable on:

- concrete
- cement and rapid cement screeds
- calcium sulphate based screeds
- gypsum plaster (according to EN 13279-1)
- cement plaster, lime-cement plaster (CS I - CS IV according to EN 998-1)
- old substrates with old water-resistant adhesive residues
- gypsum board
- dry screeds
- wooden substrates

- mastic asphalt screeds (completely sanded) IC 10 and IC 15 according to EN 13 813

Requirements of substrate

- Adequate dryness, strength, bearing strength, evenness and dimensional stability.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Layers of water-soluble adhesives, e.g. sulphite-waste-adhesives, are to be mechanically removed. Remaining adhesive residues should be primed with SCHÖNOX GEA.
- Old water-resistant adhesives are to be mechanically removed as thoroughly as possible.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

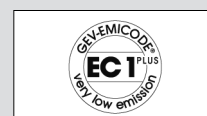
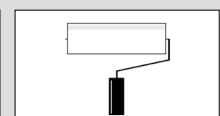
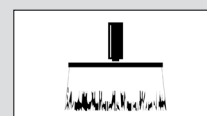
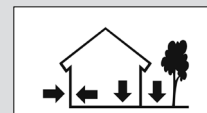
Mixing ratio

- **normal absorbent substrates such as:**
 - cementitious screeds and rapid cement screed systems
 - 1 kg SCHÖNOX KH : 5 l water**
 - Concrete
 - 1 kg SCHÖNOX KH : 3 l water**
- **non-absorbent, smooth, sound substrates such as:**
 - mastic asphalt screeds
 - ceramic tiles
 - old water-resistant adhesive residues, almost completely removed
 - 1 kg SCHÖNOX KH : 1 l water**
- **Calcium sulphate substrates such as:**
 - calcium sulphate screeds
 - gypsum plaster
 - 1 kg SCHÖNOX KH : 1 l water**
- For wooden substrates:
 - Chipboard or OSB

Technical data

- Basis: synthetic resin
- Color: light blue
- Density: 1,04 kg/l
- Storage temperature: not below + 5 °C
- Application temperature and substrate temperature: not below + 5 °C
- Material consumption/coverage: 40 - 100 g/m² depending on absorbency of the substrate, applicator device and mixing ratio.
- Waiting time:
 - approx. 10 minutes on cementitious substrates (cementitious screeds, concrete)
 - approx. 12 hours on non and low absorbent substrates
 - approx. 2 hour on wooden substrates and chipboard
 - approx. 24 hours on calcium sulphate substrates (moisture proof)

All values are approximate and are subject to climatic fluctuations.



Apply SCHÖNOX KH undiluted.

- Bonding slurry:
Mixing ratio according to the specifications in the product data sheet of the products suitable for preparing bonding slurries

Recommended method of working

- SCHÖNOX KH is a very low emission special primer and is stirred or shaken before use.
- Dilute SCHÖNOX KH with cold, clean water.
- Apply on dry substrate using a suitable tool such as a roller, paintbrush or brush. Avoid formation of puddles.
- Wet evenly before applying a bonding slurry.
- Work on SCHÖNOX KH bonding slurries wet in wet.
- Immediately after use clean tools with water.

Packaging

- 10,0 kg plastic canister (light blue)
- 5,0 kg plastic canister (light blue)
- 1.0 kg plastic bottle (white, 12 bottles in a box)

Storage

- Store SCHÖNOX KH in cool, dry, frost-free conditions.
- Storage life of 1 year (in closed packaging).
- Opened bags should be closed immediately and used up as soon as possible.
- Material that has been mixed with water should be used within 1 week.

Disposal

- Empty packaging completely and dispose of in accordance with regulations
- For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

EMICODE

- EC 1^{PLUS}: very low emission

Hazard class

- does not apply

GISCODE

- D1 - solvent-free dispersion adhesives and primers

Instructions

- Clean tools immediately in water with low surface tension.
- The TKB-data sheet "Technische Beschreibung und Verarbeitung von zementären Bodenspachtelmassen" should be followed.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

The applicable recommendations, guidelines, DIN regulations and safety data sheets are to be observed, together with the recognised 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 SQS

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