

Universal acrylic primer

for use prior to apply SCHÖNOX underlayments on porous and non porous substrates in interior areas. Suitable for pre-treating on walls and floors following the recommended dilution rates.

Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- for interior use
- on walls and floors
- solvent-free according to TRGS 610
- low consumption / high coverage
- suitable for application on subfloor heating systems
- short waiting time
- can be applied to almost all substrates
- can be sprayed
- easy to apply
- can be diluted with water
- ready for use
- grip promoting
- binds residual dust

Applications

SCHÖNOX VD is suitable:

- as a primer for reducing absorbency
- as a primer to improve adhesion on smooth and sound substrates
- as a primer to protect against moisture from levelling compounds

Substrates

SCHÖNOX VD 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 strength, load bearing capacity, dimensional stability and permanent dryness.
- 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.
- Gypsum screeds should be grinded and vacuumed prior to further treatment.
- Layers of water-soluble adhesives, e.g. sulphite-waste-adhesives, are to be mechanically removed. Remaining adhesive residues should be primed with SCHÖNOX EG.
- Old water-resistant adhesives are to be mechanically removed as thoroughly as possible.
- Old floors, such as ceramic tiles are to be thoroughly cleaned and sanded.
- Magnesite-bound substrates must be primed with SCHÖNOX SHP.
- 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
 - Concrete

1 kg SCHÖNOX VD : 3 l water

- **non-absorbent, smooth, sound substrates such as:**
 - mastic asphalt screeds
 - ceramic tiles
 - old water-resistant adhesive residues, almost completely removed
 - Chipboard or OSB
 - wooden substrates

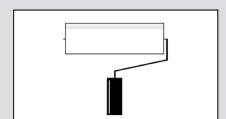
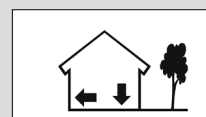
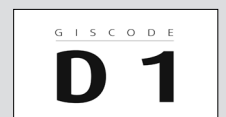
Apply SCHÖNOX VD undiluted.

- **Calcium sulphate substrates such as:**
 - calcium sulphate screeds
 - gypsum plaster

Technical data

- Basis: synthetic resin
- Color: light blue
- Density: 1,0 kg/l
- Storage temperature: not below + 5 °C
- Application temperature and substrate temperature: not below + 5 °C
- Material consumption/coverage: 50 - 80 g/m² depending on absorbency of the substrate, applicator device and mixing ratio.
- Waiting time:
 - approx. 10 minutes on cementitious substrates (cementitious screeds, concrete) and with calciumsulphate based SCHÖNOX levelling compounds on calciumsulphate based substrates
 - approx. 15 - 30 min. on non and low absorbent substrates
 - approx. 2 hour on wooden substrates and chipboard
 - approx. 24 hours on calcium sulphate substrates, if cement based levelling compounds are used.

All values are approximate and are subject to climatic fluctuations.



1 kg SCHÖNOX VD : 1 l water

- Priming is not necessary when parquet is directly bonded with SCHÖNOX elastic polymer adhesives.

Recommended method of working

- SCHÖNOX VD is a very low emission special primer and is stirred or shaken before use.
- Apply on dry substrate using a suitable tool such as a roller, paintbrush or brush. Avoid formation of puddles.
- SCHÖNOX VD can be sprayed (mixing ratio 1:1 or more).
- A second application is recommended on very absorbent substrates.

Packaging

- 10,0 kg plastic canister
- 1,0 kg plastic bottle

Storage

- Store SCHÖNOX VD 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

GISCODE

- D1 - solvent-free dispersion adhesives and primers

EPD - Self-declaration

SCHÖNOX GmbH declares as a statutory member of Deutsche Bauchemie and Industrieverband Klebstoffe that the product fulfills the criteria for dispersion based products, solvent-free.

ENVIRONMENTAL PRODUCT DECLARATION

acc. to ISO 14025 and EN 15804

Owner of declaration

Deutsche Bauchemie e.V.
Industrieverband Klebstoffe e.V.
Verband der deutschen Lack- und Druckfarbenindustrie e.V.

Editor

Institut für Bauen und Umwelt e.V. (IBU)

Program owner

Institut für Bauen und Umwelt e.V. (IBU)

Number of declaration

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Date of issue

04.04.2014

Valid until

03.04.2019

Hazard class

- does not apply

Instructions

- Clean tools immediately in water with low surface tension.
- The BEB-leaflet "Beurteilen und Vorbereiten von Untergründen; Verlegen von elastischen und textilen Bodenbelägen, Schichtstoffelementen (Laminat), Parkett und Holzpflaster; Beheizte und unbeheizte Fußbodenkonstruktionen" 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 DQS

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