

### Very low emission special dispersion primer ready for use

suitable for the fast pretreatment of unheated cementitious screeds with increased residual moisture up to 4.0 CM-% (85 %-rh).

### Product characteristics

- EMICODE EC 1<sup>PLUS</sup>: very low emission
- RAL UZ 113: Environment-friendly, because very low-emission
- for interior use
- resistant against moisture
- good penetrability
- low consumption / high coverage
- short waiting time
- easy to apply
- ready for use
- no sanding required
- solvent-free according to TRGS 610

### Applications

#### SCHÖNOX SDG is suitable:

- on moisture-resistant substrates with increased residual moisture
- on dry substrates with the PLUS in safety
- under SCHÖNOX floor levelling compounds with subsequent laying of textile and elastic coverings as well as parquet.

### Substrates

#### SCHÖNOX SDG is suitable on:

- concrete
- cement and rapid cement screeds

### 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.
- Old, loose and weak levelling layers should be removed mechanically.
- Rooms in buildings without a basement, are to be sealed against rising

dampness in compliance with the standard.

- The requirements of the relevant valid standards, guidelines and data sheets apply.

### Mixing ratio

Apply SCHÖNOX SDG undiluted.

### Recommended method of working

- SCHÖNOX SDG is a very low emission special primer and is stirred or shaken before use.
- Apply primer with a long-pile roller, e.g. lambskin roller, pile 18 mm high, evenly to the clean substrate. Avoid formation of puddles.
- Apply the first coat filling the pores. After a waiting time of approx. 15 min. at 18 °C floor temperature, apply the second coat at right angles to form a continuous film without pinholes.
- A possible necessary third layer is applied earliest 45 minutes after the second layer.
- Drying time after applying the last layer appr. 1 hour.
- Pay attention to a minimum consumption of 250 g/m<sup>2</sup> SCHÖNOX SDG (two layer application) resp. 375 g/m<sup>2</sup> (three layer application).
- Permissible residual moisture content in cement screed ≤ 3.0 CM-% (two layer application) resp. ≤ 4.0 CM-% (three layer application).
- Concrete floors (also beneath cementitious bonded screeds) must have a moisture content ≤ 4.5 wt.-% (two layer application) resp. 6.0 wt.-% (three layer application). Moisture content is measured by the Darr method.
- Immediately after use clean tools with water.

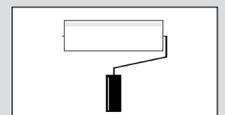
### Packaging

- 10,0 kg plastic canister

### Technical data

- Basis: synthetic resin
- Color: yellow
- Density: 1,2 kg/l
- Storage temperature: not below + 5 °C
- Application temperature and substrate temperature: not below + 15 °C
- Material consumption/coverage: approx. 125 - 150 g/m<sup>2</sup> (per layer)
- Ready for foot traffic (after application of 2nd resp. 3rd coat) after approx. 45 min. at 18 °C floor temperature
- Further processing (floor levelling application): earliest after 1 hours at 18 °C or after adequate drying

All values are approximate and are subject to climatic fluctuations.



### Storage

- Store SCHÖNOX SDG 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.

### 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<sup>PLUS</sup>: 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 of class a.

### 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

EPD-DIV20140063-IBG1-DE

### Date of issue

04.04.2014

### Valid until

03.04.2019

### Instructions

- 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 Sika management system is certified to ISO 9001 and 14001 by SQS

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