

**Very low emission, self levelling, cementitious smoothing and levelling compound** for layers up to 10 mm. SCHÖNOX ZX is characterised by good working properties.

### Product characteristics

- EMICODE EC 1<sup>PLUS</sup> R: very low emission, regulated
- for interior use
- grindable
- self-levelling
- water-proof against dispersion adhesives
- extractable as a thin layer
- very smooth application
- suitable for application on subfloor heating systems
- synthetic resin-modified
- layer-thickness 1 to 10 mm
- pumpable
- low tension/stress
- suitable for castor wheels loading with layer-thickness more than 1,0 mm according to EN 12 529
- low in chromate according to REACH

### Applications

**SCHÖNOX ZX is suitable for levelling and smoothing of substrates:**

- under textile and elastic coverings
- under multi layer parquet (For full-surface levelling under parquet, layer thickness at least 3 mm.)
- in interior areas.

### Substrates

**SCHÖNOX ZX is suitable for leveling and smoothing of:**

- concrete
- cement and rapid cement screeds
- calcium sulphate based screeds
- old substrates with old water-resistant adhesive residues

### 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.

- Separation layers, sinter layers, and other similar contamination should be removed through appropriate measures, such as sanding, brushing, abrasive blast cleaning, milling or thorough cleaning.
- Old, loose and weak levelling layers should be removed mechanically.
- With subsequent installation of floor coverings, cement screeds are required to display a residual moisture reading of  $\leq 2.0$  CM-% (heating screeds  $\leq 1.8$  CM-%), calcium sulphate screeds should have a reading of  $\leq 0.5$  CM-% (heating screeds  $\leq 0.3$  CM-%).
- Layers of water-soluble adhesives, e.g. sulphite-waste-adhesives, are to be mechanically removed. Remaining adhesive residues should be primed with SCHÖNOX HP RAPID.
- Old water-resistant adhesives are to be mechanically removed as thoroughly as possible.
- 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.

### Priming

■ **normal absorbent substrates such as:**

- cement screeds
- rapid cement screeds
- concrete

prime with SCHÖNOX VD (1:3) or SCHÖNOX VD FIX.

■ **calcium sulphate substrates such as:**

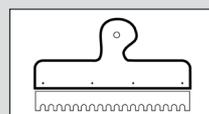
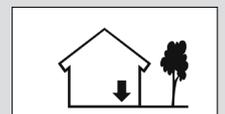
- calcium sulphate screeds
- prime with SCHÖNOX VD FIX (drying time 60 minutes) or SCHÖNOX VD (1:1 / drying time at least 24 hours).

■ **old water-resistant adhesive residues, almost completely removed** prime with SCHÖNOX VD (neat).

### Technical data

- Pot life: approx. 30 minutes at 20 °C
- Ready for foot traffic: after approx. 3 hours
- Ready for covering:
  - up to 3 mm after approx. 24 hours for all kinds of coverings
  - up to 5 mm after approx. 48 hours for all kinds of coverings
  - for increasing by further 3 mm, each with 24 hours longer drying time
- Application temperature: not below 10 °C floor temperature
- Material consumption: approx. 1,5 kg/m<sup>2</sup>/mm
- Reaction to fire: A1 / A1<sub>fl</sub>

All values are approximate and are subject to climatic fluctuations.



### Mixing ratio

- For 25,0 kg SCHÖNOX ZX approx. 6,0 l water

### Recommended method of working

- Using a clean receptacle, add SCHÖNOX ZX to cold clean water to form a homogeneous mixture. Use of a mixer with disc stirring rod is recommended. After a short maturing time, mix again thoroughly. Then pour out the levelling compound and spread using a smoothing trowel. Even surfaces are easily achieved with the SCHÖNOX SCHWEDENRAKEL. With the use of the SCHÖNOX SCHWEDENRAKEL it is possible to achieve an even surface without difficulties. It is usually not necessary to remove trowelling defects or to level more than once.
- In the case of higher layer-thickness, contact with vertical structures should be avoided by putting in an perimeter isolating strip.
- Carry out preparatory work - such as filling joints, evening out hollows and unevenness - using the sturdy repair mortar SCHÖNOX SCHÖNOX RM or SCHÖNOX SCHÖNOX RR.
- Protect curing SCHÖNOX ZX levelling layers from high ambient temperatures, direct sunlight and draughts.
- Full-surface levelling is needed under elastic coverings at least 2mm.
- Contact to metal like water-bearing pipes must be avoided (e.g. sealing of pipe penetrations), because especially galvanised steel pipes have no sufficient corrosion protection.
- Immediately after use clean tools with water.

### Packaging

- 25.0 kg paper sack

### Storage

- Store SCHÖNOX ZX in cool, dry conditions.
- Storage life of 6 months.

### 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> R: very low emission, regulated

### GISCODE

- ZP1 - cement products, low in chromate

### EPD - Self-declaration

SCHÖNOX GmbH declares as a statutory member of Deutsche Bauchemie and Industrieverband Klebstoffe that the product fulfills the criteria for modified mineral mortars of group 1.

### 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

30.07.2013

### Valid until

29.07.2018

### Instructions

- All information applies to standard conditions.
- SCHÖNOX ZX contains cement. Alkaline reaction when it comes in contact with moisture, therefore protect skin, eyes and respiratory system. Do not breathe in dust. In case of contact rinse immediately with plenty of water. In case of

contact with eyes seek additional medical advice.

- Please follow the relevant product data sheets when using complementary products. If in doubt, we recommend obtaining further information from the manufacturer.

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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