

### Product characteristics

- EMICODE EC 1<sup>PLUS</sup> R: very low emission, regulated
- easy to mix, no direct thickening after mixing
- variable adjustable consistency
- good bonding to nearly all substrates
- quick drying time
- very smooth application
- no bonding to the trowel
- reinforced with fibres
- synthetic resin-modified
- sturdy
- fine-grained
- for interior use
- suitable for application on subfloor heating systems
- low in chromate according to REACH

### Applications

#### SCHÖNOX SG is suitable:

- to improve adhesion on various old substrates
- as a primer to improve adhesion on smooth and sound substrates
- as a primer to protect against moisture from levelling compounds

#### SCHÖNOX SG is suitable for bonding of:

- metal joint and angle profiles

### Substrates

#### SCHÖNOX SG is suitable to be used on interior substrates like e.g.:

- wooden substrates
- old substrates such as ceramic tiles, natural stones and terrazzo
- insufficient sanded mastic asphalt screeds or rolled asphalt concrete
- insufficient sanded mastic asphalt screeds
- old substrates with old water-resistant adhesive residues

- old coverings such as needlefelt, PVC, CV, natural and synthetic rubber, fine loop pile textile carpets and short velour carpets
- linoleum, PVC, cushioned vinyl
- stable old coatings
- xylolite screeds
- magnesia screeds
- concrete
- cement and rapid cement screeds
- calcium sulphate based screeds

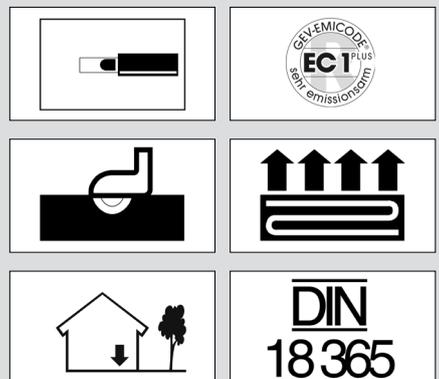
### Requirements of substrate

- 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.
- 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.
- Old floors, such as ceramic tiles are to be thoroughly cleaned and sanded.
- OSB is to be grinded intensively.
- Rooms in buildings without a basement, are to be sealed against rising

### Technical data

- Pot life: approx. 15 minutes at 20 °C
- Application temperature: not below 5 °C floor temperature
- Material consumption: at least 200 g/m<sup>2</sup>
- Ready to level over: after appr. 30 - 60 minutes

All values are approximate and are subject to climatic fluctuations.



dampness in compliance with the standard.

### Mixing ratio

- 9,5 kg SCHÖNOX SCHÖNOX SG powder-component
- 5,5 kg SCHÖNOX SCHÖNOX SG dispersioncomponent

### Recommended method of working

- The powdercomponent of SCHÖNOX SG is added to the dispersioncomponent, stirred slowly and mixed to a homogeneous and free of lumps material. Mixing time approx. 3 minutes.
- Do not mix more material than can be handled within 15 minutes.
- Protect curing SCHÖNOX SG levelling layers from high ambient temperatures, direct sunlight and draughts.
- Immediately after use clean tools with water.

### Packaging

- 15 kg combined packaging composed of:
  - 2 x ? paper bag in a plastic pail
  - 5,5 kg plastic canister

### Storage

- Store SCHÖNOX SG 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

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### GISCODE

Powder component:

- ZP1 - cement products, low in chromate

Dispersion component:

- D1 - solvent-free dispersion adhesives and primers

### Instructions

- All information applies to standard conditions.
- SCHÖNOX SG 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 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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