

Cement based rapid drying, smoothing and finishing compound

suitable to provide a smooth finish on various substrates in interior areas. SCHÖNOX SL can be installed as a featherfinish.

Product characteristics

- EMICODE EC 1^{PLUS} R: very low emission, regulated
- for interior use
- featheredge achievable
- from featheredge up to 6 mm
- layer-thickness 0 to 20 mm (spot-wise)
- high level of hardness and strength
- quick drying time, independent of the layer thickness
- suitable for application on subfloor heating systems
- LEED EQ 2 Low Emitting Materials
- suitable for castor wheels in accordance with EN 12 529
- smooth surface
- rottenness and moisture resistant
- good water-resistance

Applications

SCHÖNOX SL is suitable for patching, smoothing and leveling of:

- concrete, cement substrates
- floor leveling compounds
- gypsum substrates
- old substrates such as ceramic tiles
- old, water-resistant adhesive residues
- wooden substrates

as well as for filling, smoothing and leveling of unheated, cement based substrates under:

- SCHÖNOX Moisture Mitigation Systems

Requirements of substrate

- Subfloors must be smooth, sound, clean, dry and free of any contaminants which may hinder adhesion.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- 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.
- Non-stable, old coatings, e.g. distemper, should be removed.
- With subsequent installation of floor coverings, cement screeds are required to display a residual moisture reading of ≤ 2.0 CM-% (heating screeds ≤ 1.8 CM-%), calcium sulphate screeds should have a reading of ≤ 0.5 CM-% (heating screeds ≤ 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 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.
- Rooms in buildings without a basement, are to be sealed against rising dampness in compliance with the standard.
- In order to receive the substrate requirements of the specific coverings, refer to the technical product information of the coverings manufacturer.

Priming

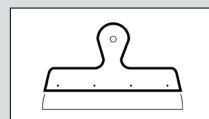
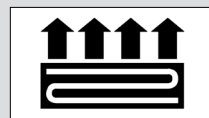
- **Breakouts, holes, repair of plastering**
 - concrete
 - cement screeds
 - OSB boards
- priming not required
- **substrates as:**
 - ceramic tiles
 - substrates in interior areas

Technical data

- Pot life: approx. 20 minutes at 20 °C
- Ready for foot traffic: after approx. 20 minutes
- Ready for covering: - up to 20 mm after approx. 20 min
- Application temperature: not below 5 °C floor temperature
- Material consumption: approx. 1.3 kg/m²/mm

All values are approximate and are subject to climatic fluctuations.

All values are approximate and apply to 21°C and 65% rel. humidity.



- old water-resistant adhesive residues, almost completely removed
priming not required

■ substrates as:

- gypsum plaster
prime with SCHÖNOX KH (1:5) or SCHÖNOX KH FIX .

Mixing ratio

- For 4.5 kg SCHÖNOX SL
approx. 1.9 l water

Recommended method of working

- Using a clean receptacle, add SCHÖNOX SL to cold clean water to form a homogeneous mixture. Use of a mixer with a spiral mixer is recommended.
- Do not mix more material than can be handled within 15 minutes.
- Protect curing SCHÖNOX SL levelling layers from high ambient temperatures, direct sunlight and draughts.
- Immediately after use clean tools with water.

Packaging

- 4.5 kg paper sack

Storage

- Store SCHÖNOX SL in cool, dry conditions.
- Storage life of 6 months.
- Opened bags should be closed immediately and used up as soon as possible.

Disposal

- Empty packaging completely and dispose of in accordance with regulations

EMICODE

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Instructions

- All information applies to standard conditions and relates to the non-extended levelling compound.
- SCHÖNOX SL 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.

EPD - Self-declaration EPD-DIV-2013311-EN

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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