

Very low emission, calcium sulphate based smoothing and levelling compound

especially suitable for all calcium sulphate based subfloors as well as mastic asphalt screeds according to EN 13 813. Also for interior use on cementitious subfloors. After adding 6.0 l water for 25.0 kg powder, SCHÖNOX XA is ready for use.

Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- for interior use
- self-levelling
- high level of hardness and strength
- very smooth application
- suitable for application on subfloor heating systems
- synthetic resin-modified
- layer-thickness 1,0 to 10 mm without aggregates
- layer-thickness 10 to 30 mm with aggregates
- short waiting time after priming
- pumpable
- low tension/stress
- free of cracks even in thicker layers
- suitable for castor wheels loading with layer-thickness more than 2,0 mm according to EN 12 529

Applications

SCHÖNOX XA is suitable for filling, smoothing, evening and levelling of substrates:

- under textile and elastic coverings as well as parquet
- in interior areas.

for full-surface levelling under parquet, layer thickness at least 3 mm. Only in combination with elastic SCHÖNOX parquet adhesives. Drying time must be observed.

Substrates

SCHÖNOX XA is suitable for filling, smoothing, evening and levelling of:

- calcium sulphate based screeds
- concrete
- dry screeds
- cement and rapid cement screeds
- magnesia screeds
- old substrates such as ceramic tiles, natural stones and terrazzo

- old substrates with old water-resistant adhesive residues
- suitable particle board or OSB constructions, screwed

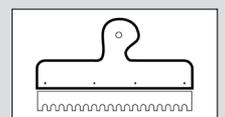
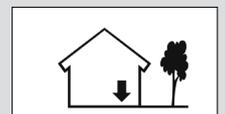
Requirements of substrate

- 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.
 - 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 or Sika® Primer MB.
 - 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.
 - The requirements of the relevant valid standards, guidelines and data sheets apply.
- ### Priming
- **normal absorbent substrates such as:**
 - cement screeds
 - rapid cement screeds

Technical data

- Pot life: approx. 30 minutes at 18 °C
- Ready for foot traffic: after approx. 3 hours
- Ready for covering:
 - up to 3 mm after approx. 48 hours, residual-moisture $\leq 0,5$ CM-%
 - for higher layer thickness the residual moisture should be tested with CM-apparatus (testing analogue to gypsum screeds).
- Application temperature: not below 10 °C floor temperature
- Material consumption: approx. 1,5 kg/m²/mm
- Reaction to fire: A1 / A1_{f1}

All values are approximate and are subject to climatic fluctuations.



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

■ **non-absorbent, smooth, sound substrates such as:**

- mastic asphalt screeds
- ceramic tiles
- old water-resistant adhesive residues,
almost completely removed
prime with SCHÖNOX SHP or SCHÖNOX
VD (neat).

■ **calcium sulphate substrates such as:**

- calcium sulphate screeds
- dry screeds
prime with SCHÖNOX VD (1:1, Further
treatment after complete drying, ap-
prox. 60 minutes).

We recommend a two-coat sub-coat of
SCHÖNOX EG or Sika® Primer MB for
layer-thickness exceeding 10 mm.

■ **magnesia screeds (not xylolite):**

prime with SCHÖNOX SHP.

■ **xylolite screeds:**

prime with SCHÖNOX EG or Sika® Primer
MB.

■ **Wooden substrates like e.g.:**

- OSB boards
prime with SCHÖNOX VD or SCHÖNOX
VD FIX.

Mixing ratio

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

■ **Extended levelling compound:**

The additive is added last.

■ **Layer thickness of 10 to 30 mm:**

Bulking material approx. 65 wt.% cor-
responds to 16,0 kg or 10 l of SCHÖNOX
QUARZSAND 0,1 - 3,0 mm for 25,0 kg
SCHÖNOX XA

Recommended method of working

■ **Adequate ventilation is essential
when SCHÖNOX XA is being worked
and during the drying time.**

- Using a clean receptacle, add SCHÖNOX
XA to cold clean water to form a ho-
mogeneous mixture. Use of a mixer
with disc stirring rod is recommen-
ded. 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 ne-
cessary 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.

- If a second layer of levelling compound
is to be applied, the first levelling com-
pound layer should be primed with
SCHÖNOX VD (1:1) or SCHÖNOX VD FIX
when dry. The maximum layer thick-
ness may not be exceeded in case of
two-layer application. The second layer
may not exceed the layer thickness of
the first.

- Carry out preparatory work - such as
filling joints, evening out hollows and
unevenness - using the sturdy repair
mortar SCHÖNOX RR.

- Protect curing SCHÖNOX XA levelling
layers from high ambient temperat-
ures, direct sunlight and draughts.

- If grinding of SCHÖNOX XA is necessary
use a paper or net with grit-size ≥ 80 .

- Contact to metal like water-bearing
pipes must be avoided (e.g. sealing of
pipe penetrations), because especially
galvanised steel pipes have no suffi-
cient corrosion protection.

- Immediately after use clean tools with
water.

Packaging

- 25.0 kg paper sack

Storage

- Store SCHÖNOX XA in cool,
dry conditions.
■ Storage life of 1 year
(in closed packaging).
■ Opened bags should be closed immedi-
ately and used up as soon as possible.

Disposal

- Empty packaging completely and dis-
pose of in accordance with regulations

- For the disposal of product residues,
waste water and containers with adher-
ent product residues please follow the
local governmental regulations.

EMICODE

- EC 1^{PLUS}: very low emission

GISCODE

- CP1 - levelling compounds based on cal-
cium sulphate

Instructions

- All information applies to standard
conditions and relates to the non-
extended levelling compound.
■ 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 SCHÖNOX management system is certified to
ISO 9001 and 14001 by SQS

Sika Deutschland GmbH

Subsidiary Rosendahl

P.O. Box 11 40

D-48713 Rosendahl / Germany

Phone +49 (0) 2547-910-0

Fax +49 (0) 2547-910-101

E-mail: info@schoenox.de

<http://www.schoenox.com>



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