

### All purpose, dust reduced wall filling compound and smoother

with an alpha hemihydrate base. Especially suitable for filling work in interior areas. Tested according to EN 13279-1 and EN 13963. Contains SCHÖNOX Liquid Technology.

### Product characteristics

- EMICODE EC 1<sup>PLUS</sup>: very low emission
- for interior use
- finely grained
- very sturdy
- pH value kind to skin
- Joint filler for closing joints without cover strip
- quality level Q1 - Q4 according technical bulletin No. 2 of "Bundesverband der Gipsindustrie"
- highly fillable
- very smooth application
- very smoothable
- permeable to diffusion
- very good grindable
- highly synthetic-resin modified
- free of cracks even in thicker layers
- safe application and multi-purpose use
- extractable to feather finish
- contains functional fibres
- dust reduced

### Applications

**SCHÖNOX A4 is suitable for filling, smoothing and full-surface leveling of:**

- coarse substrates
- ceiling and wall surfaces
- unevenly sanded, rubbed or polished surfaces
- plaster projections
- surfaces with bubbles
- gypsum plaster board joints with and without reinforcing strips
- large holes or slots
- joints in prefab ceilings

### Substrates

**SCHÖNOX A4 is suitable for filling, smoothing and full-surface leveling of:**

- concrete
- cement plaster, lime-cement plaster (CS I - CS IV according to EN 998-1)
- gypsum plaster (according to EN 13279-1)
- masonry

- dry construction elements
- Decor plaster

### Requirements of substrate

- Adequate strength, load bearing capacity, dimensional stability and permanent dryness.
- Clean, free from exudation marks, sinter layers, separating agents, parts stimulating corrosion or other disturbing layers.
- Separation layers, sinter layers, and other similar contamination should be removed through appropriate measures.
- Non-stable, old coatings, e.g. distemper, should be removed.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

### Priming

- **normal absorbent substrates:** priming not required
- **highly absorbent substrates:** prime with SCHÖNOX VD (1:3).
- **non-absorbent, smooth, sound substrates:** prime with SCHÖNOX SHP or SCHÖNOX VD (neat).

### Mixing ratio

- For 20,0 kg SCHÖNOX A4 approx. 12,0 l water
- For 4,0 kg SCHÖNOX A4 approx. 2,4 l water

### Extended levelling compound:

The additive is added last.  
Bulking material approx. 50 wt.%  
SCHÖNOX QUARZSAND 0 - 3 mm

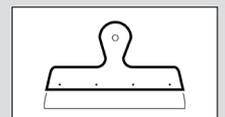
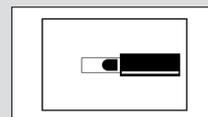
### Recommended method of working

- Using a clean receptacle, add SCHÖNOX A4 to cold clean water to form a homogeneous mixture.
- Do not mix more material than can be handled within 50 minutes.

### Technical data

- Basis: alpha hemihydrate with special synthetic hardening
- Pot life: approx. 50 minutes at 18 °C
- Color: white
- Drying time: depends on layer thickness appr. 2 - 24 hours
- Application temperature and substrate temperature: not below + 7 °C
- Material consumption: approx. 1,0 kg/m<sup>2</sup>/mm
- Gypsum machine plaster-dry mortar acco. EN 13279-1 B1/50/2
- Reaction to fire: A1<sub>fl</sub>

All values are approximate and are subject to climatic fluctuations.



- Apply and smooth the levelling compound using a stainless steel smoothing trowel.
- SCHÖNOX A4 can be applied as well in thicker layers in one step.
- After start of hardening, retouching work such as smoothing is possible.
- By decelerated smoothing or two times application a formation of pores/pinholing on e.g. concrete can be minimised.
- When it is dry (depending on film layer thickness), the surface can be sanded, wallpapered, painted or similar.
- SCHÖNOX A4 is completely dry, when the surface is evenly bright.
- Prior to applying paints, synthetic resin plasters, wallpaper and wall coverings, consult the manufacturer's processing recommendations.
- Immediately after use clean tools with water.

### Packaging

- 20,0 kg paper sack
- 4.0 kg paper sack (4 pieces per unit)

### Storage

- Store SCHÖNOX A4 in cool, dry conditions.
- Storage life of 1 year (in closed packaging).
- Opened packages should be closed immediately and used up as soon as possible.

### Disposal

- Empty packaging of all trickles and dispose of in accordance with the 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

- CP1 - levelling compounds based on calcium sulphate

### EPD - Self-declaration

Sika Deutschland 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

EPD-DIV20130096-IBE1-DE

### Date of issue

30.07.2013

### Valid until

29.07.2018

### 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 Sika 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](mailto:info@schoenox.de)**

**[www.schoenox.com](http://www.schoenox.com)**



SCHÖNOX is a brand of the SIKA Group