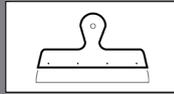
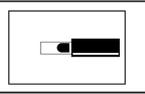




SCHÖNOX® A1

Gypsum based filler

Especially suitable for filling of walls in interior areas.



Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- for interior use
- sturdy
- highly fillable
- smooth application
- permeable to diffusion
- grindable
- smoothable
- free of cracks even in thicker layers

Applications

SCHÖNOX A1 is suitable for filling, smoothing and full-surface levelling of:

- coarse substrates
- ceiling and wall surfaces
- gypsum plaster board joints with reinforcing strips
- plaster projections
- surfaces with bubbles
- large holes or slots

Substrates

SCHÖNOX A1 is suitable for filling, smoothing and full-surface levelling of:

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

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 A1 approx. 9,5 l water
- For 4,0 kg SCHÖNOX A1 approx. 1,9 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 A1 to cold clean water to form a homogeneous mixture.
- Do not mix more material than can be handled within 60 minutes.
- Apply and smooth the levelling compound using a stainless steel smoothing trowel.
- 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 A1 is completely dry, when the surface is evenly bright.
- Prior to applying paints, synthetic resin plasters, wallpaper and wall coverings,

Technical data

- Basis: gypsum
- Pot life: approx. 60 minutes at 18 °C
- Color: white-beige
- 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/m²/mm

All values are approximate and are subject to climatic fluctuations.



SCHÖNOX® A1

consult the manufacturer's processing recommendations.

- Clean tools in water immediately after use.

Packaging

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

Storage

- Store SCHÖNOX A1 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 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^{PLUS}: very low emission

GISCODE

- CP1 - levelling compounds based on calcium sulphate

EPD - Self-declaration

Sika Deutschland GmbH declares 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

FEICA - Association of the European Adhesive and Sealant Industry

Editor

Institut für Bauen und Umwelt e.V. (IBU)

Program owner

Institut für Bauen und Umwelt e.V. (IBU)

Number of declaration

EPD-FEI-20160017-IBG1-EN

Date of issue

23.05.2016

Valid until

22.05.2021

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

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