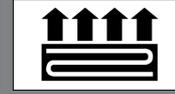
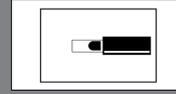


# SCHÖNOX® ZZ

**Very smooth, rapidly curing, high synthetic resin-modified, sturdy, all-purpose levelling compound**  
Extendable to feather finish and quickly ready for covering, therefore especially suitable for smoothing out small imperfections on floors and walls immediately before laying coverings. Prior priming of the substrate is not necessary.



## Product characteristics

- EMICODE EC 1<sup>PLUS</sup>: very low emission
- for interior use
- no priming required
- very sturdy
- highly fillable
- finely grained
- extractable to feather finish
- quickly polishable and smootable
- quick drying time
- safe application and multi-purpose use
- highly synthetic-resin modified
- low consumption / high coverage
- highly flexible
- high level of hardness and strength
- high crystalline water binding capacity
- layer-thickness 0 to 5 mm
- low tension/stress
- low porosity surface
- suitable for application on subfloor heating systems
- suitable for castor wheels in accordance with EN 12 529
- low in chromate according to REACH

## Applications

**SCHÖNOX ZZ is suitable for partial area troweling (scratch / spot troweling), and also for filling, repairing and levelling:**

- of troweling marks and imperfections in cement and calcium sulphate based levelling compounds
- of joints/seams in e.g. dry screed floors, particle boards, OSB-boards, wood planks and the SCHÖNOX EDP decoupling boards
- of staircase steps and platforms
- of old water resistant adhesive residues
- of old surface coverings such as needle felt, ceramic tiles, stoneware, PVC, CV, natural and synthetic rubber, fine loop pile textile carpets and short velour carpets (pile height max. 5 mm)
- of expansion joints in the SCHÖNOX RENO-ESTRICH-SYSTEM

- as surface elastic preparation of base surfaces with SCHÖNOX ARMIERUNGS-GEWEBE
- of imperfections in paint jobs and other coatings

**SCHÖNOX ZZ is suitable for bonding of:**

- metal joint and angle profiles
- repairing angles on stairs (e.g. Küberit)

## Substrates

**SCHÖNOX ZZ is suitable for levelling, smoothing and repairing of:**

- concrete
- cement- and calciumsulphate based floor levelling compounds
- cement and rapid cement screeds
- calcium sulphate based screeds
- mastic asphalt screeds (completely sanded) AS IC 10 and AS IC 15 according to EN 13813
- dry screeds, particle boards, OSB boards
- old substrates such as ceramic tiles, natural stones and terrazzo
- old coverings such as needlefelt, PVC, CV, natural and synthetic rubber, fine loop pile textile carpets and short velour carpets
- old substrates with old water-resistant adhesive residues
- old coatings and sealings based on epoxy-resins
- magnesia screeds
- wood planks, wood stairs
- metal substrates such as chequered plates

## 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 meas-

## Technical data

- Color: white
- Pot life: approx. 5 - 10 minutes at 20 °C
- Ready for foot traffic: after approx. 20 - 30 minutes
- Ready for covering:<sup>1</sup>
  - up to 0,5 mm after approx. 30 min
  - up to 5 mm after approx. 1 - 1,5 hours

Ready for covering for coverings sensitive to moisture, like parquet and cork as well as painting systems at the earliest after 12 hours.

Especially if fast laying on SCHÖNOX ZZ is desired, take fully respect to the recommended climate conditions. Low temperatures and high relative humidity decelerate an early readiness for covering.

- Application temperature: not below 5 °C floor temperature
- Material consumption: approx. 1,1 kg/m<sup>2</sup>/mm

<sup>1</sup>with 20 °C and 65 % rel. humidity, temperature of substrate ≥ 15 °C

All values are approximate and are subject to climatic fluctuations.



# SCHÖNOX® ZZ

ures, 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  $\leq 2.0$  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 far 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

- Interior walls and floors are not required to be primed. priming not required
- To bind adherent residual dust it is recommended to prime the subfloor using SCHÖNOX KH FIX (drying time  $\geq 60$  min.).

If in doubt, create a test area or request specific information.

## Mixing ratio

- For 4,5 kg SCHÖNOX ZZ approx. 1,15 - 1,30 l water
- For 1 kg SCHÖNOX ZZ approx. 0,25 - 0,29 l water

## Parts to volume:

- **4 parts of SCHÖNOX ZZ to 1 part of water**

- Mixing the entire package at once is not recommended, due to the short curing time.
- When mixing larger quantities, add water in the upper part of the water to kg range above.

## Recommended method of working

- Using a clean receptacle, add SCHÖNOX ZZ to cold clean water to form a homogeneous mixture.
- Spread, smooth and model the levelling compound with a smoothing trowel or spatula.
- After initial setting follow up work e.g. polishing, smoothing or re-filling with SCHÖNOX ZZ is possible.
- Do not mix more material than can be handled within 5 - 10 minutes.
- Material that has already been set cannot be re-mixed with additional water or powder.
- In case of spot levelling, attention must be paid to the alkalinity of the substrate for subsequent coatings or wall coverings.
- Do not fluate or apply mineral colours to surfaces filled with SCHÖNOX ZZ.
- Prior to applying paints, synthetic resin plasters, wallpaper and wall coverings, consult the manufacturer's processing recommendations.
- Clean tools in water immediately after use.

## Packaging

- 4,5 paper bag in a plastic pail
- mixing bowl included

## Storage

- Store SCHÖNOX ZZ in cool, dry conditions.
- Storage life of 6 months.
- 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 adher-

ent product residues please follow the local governmental regulations.

## EMICODE

- EC 1<sup>PLUS</sup>: very low emission

## GISCODE

- ZP1 - cement products, low in chromate

## EPD - Self-declaration

- Sika Deutschland GmbH declares that the product fulfills the criteria of one Environmental Product Declaration acc. to ISO 14025 and EN 15804
- Declaration available for download at [www.schoenox.com](http://www.schoenox.com) at SCHÖNOX ZZ

## Instructions

- All information applies to standard conditions and relates to the non-extended levelling compound.
- SCHÖNOX ZZ 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.
- PU-sealings on old coverings or PU-coated surfaces of coverings, which are not removable with basic cleaners, can lead to bonding problems with SCHÖNOX ZZ.
- 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.

# SCHÖNOX® ZZ

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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