

SCHÖNOX® HA PRO

Ready for use, light bonded sealing

Ready for use, one component membrane for preparing a waterproof bonded sealing under tiles in wetrooms. For internal application. Can be used in areas which relate to the moisture loading classes W0-I to W2-I. Fulfills the requirements of the German supervision of building for the class A Wall according to „Verwaltungsvorschrift Technische Baubestimmungen (WTB) lfd. Nr. C 3.27“. ETA/EAD approved.



Product characteristics

- EMICODE EC 1^{PLUS}: very low emission
- officially approved - no.: P-1202/700/20-MPA BS
- fulfills the W0-I to W2-I requirements according to DIN 18534
- in areas of water exposure rate W2-I according to DIN 18534 use only on walls
- one component
- quick drying time
- watertight
- diffusion permeable
- highly elastic
- resistant against ageing
- crackbridging
- ready for use
- easy to apply
- thixotrope
- ideal for trowel application
- rollable
- change of colour after drying
- solvent-free according to TRGS 610

Applications

SCHÖNOX HA PRO is a light, dispersion based bonded sealing, suitable for normal and highly loaded wet areas such as:

- showers
- bathrooms
- SCHÖNOX HA PRO fulfills the requirements of ETA/EAD, for bonded sealings liquid to work with for walls and floors in wet rooms in combination with SCHÖNOX SYSTEM COMPONENTS. EAD 030352-00-0503:2019
- SCHÖNOX HA PRO meets the requirements of the moisture loading class for membranes in the leaflet „Hinweise für die Ausführung von Abdichtungen im Verbund mit Bekleidungen und Belägen aus Fliesen und Platten für den Innen- und Außenbereich“.
- SCHÖNOX HA PRO is authorized by the German building supervision for

the preparation of bonded sealings in highly loaded wet areas in the moisture loading classes A Wall according to the building regulation and fulfils the requirements of the test principles to issue a building authority approval for liquid treated membranes combined with ceramic.

Substrates

SCHÖNOX HA PRO is suitable for sealing on:

- concrete
- masonry (fully grouted)
- cement and rapid cement screeds
- cement plaster, lime-cement plaster (CS II, CS III of CS IV according to EN 998-1, compression strength $\geq 2,5 \text{ N/mm}^2$)
- gypsum plaster according to EN 13279-1, compression strength $\geq 2,5 \text{ N/mm}^2$; residual moisture $\leq 1,0 \text{ CM-\%}$)
- composite elements of polystyrene coated with mortar
- pre-cast hollow wall panels of lightweight concrete
- pre-cast aerated concrete wall slabs
- gypsum board
- calcium sulphate based screeds
- gypsum bricks
- dry screeds
- old ceramic coverings

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.
- Substrate should fulfill the requirements of DIN 18 202, tolerances in building constructions.

Technical data

- Basis: solvent-free synthetic dispersion
- Colour: light grey
- Application temperature: not below + 5 °C
- Drying time:
 - drying time between 1. and 2. coat. approx. 30-60 minutes at 20 °C
- Ready for covering:
 - after approx. 60 minutes(after 2. layer) at 20 °C
 for interior areas. Please note that the stated drying times and times for further processing are influenced by ambient conditions like temperature, relative humidity, solar radiation, different substrates and so on.



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- The requirements of DIN 18 157 are applicable.
- With subsequent installation of ceramic coverings cement screeds are required to be at least 28 days old and to display a residual moisture reading of ≤ 2.0 CM-% (heating screeds ≤ 2.0 CM-%), calcium sulphate screeds should have a reading of ≤ 0.5 CM-% (heating screeds ≤ 0.3 CM-%).
- Smooth rock pockets in concrete and coarsely porous concrete substrates using SCHÖNOX PL.

Priming

- **calcium sulphate substrates such as:**
 - gypsum plasterboards
 - gypsum fibreboards
 - gypsum bricks
 - gypsum plaster
 - calcium sulphate screeds
- prime with SCHÖNOX KH (1:1) (drying time at least 24 hours) or SCHÖNOX KH FIX (drying time at least 1 hour). Depending on surface appearance it can be necessary to use an epoxy based primer like SCHÖNOX GEA for calcium sulfate based flowing screeds, calcium sulfate based levelling compounds or gypsum bricks.
- **non-absorbent, smooth, sound substrates such as:**
 - ceramic coverings, stable, thoroughly cleaned and if necessary abraded
- prime with SCHÖNOX SHP.

Material consumption

- approx. 1,20 kg/m² for two layer application.
- **Layer thickness:**

Wet layer thickness minimum 0,4 mm for each application, dry layer-thickness of the whole coating minimum 0,5 mm.
 - During the application of SCHÖNOX HA PRO the wet film thickness could be controlled with the SCHÖNOX NASSSCHICHTDICKENMESSER.
 - Alternatively the layer thickness could be controlled and calculated during the application in dependence of the material consumption (kg per m²).

Recommended method of working

- SCHÖNOX HA PRO is a ready for use bonded sealing. SCHÖNOX HA PRO has a thixotropic viscosity and can be treated directly taken out of the bucket without stirring for application with steel float or for application with a roller.
- To guarantee a save sealing SCHÖNOX HA PRO has to be applied in two work steps. The needed dry layer thickness must be observed. Apply the membrane with lambskin roller, foam roller or steel float.
- Each single layer must be completely dry before starting next work step.
- Drying time is dependent on the absorbency of the substrate.
- Movement joints as well as floor- and wall connection joints should be bridged with SCHÖNOX ST 50/ ST 25 sealing tape, SCHÖNOX IC interior corner, SCHÖNOX EC exterior corner as well as SCHÖNOX SC slope corner.
- Floor drains and pipe penetrations should be furnished with SCHÖNOX FC sealing sleeve floor and SCHÖNOX D stretchable sealing sleeve wall.
- The SCHÖNOX ST 50/ ST 25 sealing tape and the SCHÖNOX system components are used for the realization of details before applying the membrane to the entire surface area.
- Install SCHÖNOX ST 50/ ST 25 sealing tape and SCHÖNOX system components at abutting edges with at least 5 cm overlapping.
- After execution of all details, applying the bonded sealing to the whole surface can start.
- Sealing tapes, sealing sleeves and sealing angles can be fully worked over with the second layer of the bonded sealing.
- In areas with moveable zones, e.g. loop installing or over movement- and building joints, spare the bonded sealing in the same width.
- On the completely dried membrane tiles can be bonded directly.

- To guarantee the function of the membrane, this procedure must be carried out carefully.
- Repair of subsequently damaged areas: Reconstruct using the same layer thickness, overlapping the undamaged area by at least 5 cm. Required drying times must be observed prior to laying new tiles.
- More detailed processing instructions you can take from the ETAG processing guideline which you can download under www.schoenox.de or you can ask for via SCHÖNOX GmbH.
- For more information see product data sheet SCHÖNOX ST 50/ ST 25 sealing tape.
- For installing the sealing to tubs or showers with e.g. shower sealing tapes according DIN 18534-1 use SCHÖNOX SB SET SHOWER and BATH SEALING TAPE SET.

Working up SCHÖNOX SB SET SHOWER and BATH SEALING TAPE:

- SCHÖNOX SB Shower bath sealing tape is used for the watertight connection of shower trays and bathtubs to the surface seal according to DIN 18534. The set includes 10 m of cross-elastic, fleece-laminated special joint sealing tape with a self-adhesive strip on both sides, 3 butyl sticks for sealing different shower and bath corners and a radius template.
- SCHÖNOX SB shower bath sealing tape can be combined with all SCHÖNOX waterproofing systems. SCHÖNOX SB shower bath sealing tape is equally suitable for shower and bath tubs made of acrylic and steel enamel. When using SCHÖNOX SB shower bath sealing tape, there isn't a further sealing membrane underneath the shower or bathtub necessary.
- The surfaces of the shower and bath must be cleaned free of grease with suitable cleaning agents. With the help of the radius template and the SCHÖNOX SB SET attached Butylsticks prepare the corners of the shower and bathtub if necessary. Then align the SCHÖNOX SB SEALING TAPE, remove

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the protective foil and stick it with the butyl tape so that the remaining sealing tape points upwards. Then press evenly with a suitable tool. Then insert the SCHÖNOX SB SEALING TAPE into the SCHÖNOX compound seal and press it with the trowel without any cavities. With the second order of the SCHÖNOX compound seal, the tub sealing tape is being revised.

- To further avoid sound bridges, a self-adhesive noise protection tape (included in the bathtub / shower tray) can be applied to the SCHÖNOX SB shower bath sealing tape previously applied to the edge of the tub. Alternatively, the edge strip SCHÖNOX RS 50 can be glue on the wall (substrate) at the level of the bathtub or shower tray edge.

Working up SCHÖNOX MFC MULTIFUNCTION CORNER:

- SCHÖNOX MFC is a waterproof, multi-functional shower and bath tub corner with self-adhesive strip for secure sealing of numerous and difficult corner installation situations. Can be used quickly and safely for floor-level showers as well as conventional shower and bathtubs.
- The surfaces of the shower and bath must be cleaned free of grease with suitable cleaning agents. Then align the SCHÖNOX MFC MULTIFUNCTION CORNER, remove the protective foil and stick it on with the butyl tape and press down with a suitable tool. Then seal the wall / floor connection of the SCHÖNOX MFC MULTIFUNCTION CORNER with the SCHÖNOX membrane to the wall or floor surface. The SCHÖNOX SB SHOWER BATH SEALING TAPE or the SCHÖNOX ST 50 / ST 25 SEALING TAPE is connected to the SCHÖNOX MFC MULTIFUNCTION CORNER. Afterwards glue with a 10 cm piece of SCHÖNOX ST 50/ST 25 sealing tape and SCHÖNOX iFIX or SCHÖNOX 1K DS PREMIUM on the back (without butyl glue strips) fully overlapping.

Packaging

- 22,0 kg plastic pail
- 16,0 kg plastic pail
- 7,0 kg plastic pail

Storage

- Store SCHÖNOX HA PRO in cool, dry, frost-free 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

- D1 - solvent-free dispersion adhesives and primers

EPD - Self-declaration

Sika Deutschland GmbH declares that the product fulfills the criteria for dispersion based products of class a.

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-20160084-IBG1-EN

Instructions

- All values are approximate and are subject to local climatic fluctuations.
- Clean tools in water immediately after use.

- Wipe impurities immediately from the covering surface and remove residual skin using a suitable cleaning agent.
- To tighten built-in parts like one-handle built-in mixers, in each case the sealing sleeves recommended for this model from the manufacturer should be used.
- Penetrations should be treated with thin bed flanges in a minimum circumferential width of 5 cm and made from a material suitable for bonding with a dispersion based membrane. If necessary obtain special information about flange systems.

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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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