



# SCHÖNOX® HA

## One component acrylic tanking system

SCHÖNOX HA is a ready for use, one-component, elastic membrane for installation on waterproofed substrates in combination with ceramic coverings in interior areas. Officially approved following the ETAG 022.

### Product characteristics

- EC 1: very low emission
- impermeable to water (watertight)
- permeable to water vapour
- highly elastic
- age-resistant
- crack bridging
- ready to use
- easy to apply
- with test certificate
- change of colour after drying
- solvent-free according to TRGS 610
- rollable
- changes colour when drying

### Applications

**SCHÖNOX HA is a dispersion membrane suitable in normal loaded and heavy loaded wet areas such as**

- showers
- bathrooms
- SCHÖNOX HA is approved according to ETAG 022, Part 1, Approval-Number ETA-09/0247.
- SCHÖNOX HA meets the requirements of the moisture loading classes A0 according to the test principles.
- SCHÖNOX HA is authorised by the German supervision of building for the manufacturing of composite sealing in highly loaded wet areas for moisture loading class A in building regulation A, Part 2, Figure 1.10. and fulfils the requirements of the test principles for issuing a officially approved test certificate for wet sealing materials combined with ceramic - Edition Nov. 2005.

### Substrates

**SCHÖNOX HA is suitable for:**

- concrete
- brickwork (completely filled joints)
- cement screeds
- cement plaster, lime-cement plaster (CS II, CS III or CS IV according to DIN EN 998-1, compression strength  $\geq 2,5 \text{ N/mm}^2$ )
- gypsum plaster (according to DIN EN 13279-1, compression strength  $\geq 2,5 \text{ N/mm}^2$ )
- extruded polystyrene boards coated with mortar
- hollow wall panels of light weight concretes
- pre-cast aerated concrete wall slab
- gypsum board
- gypsum screeds (only for moisture loading class 0)
- dry screeds

### Requirements of substrate

- Adequate strength, load-bearing strength and form stability.
- Free of adhesion-reducing layers such as dust, dirt, oil, grease and loose particles as well as lacquer and dispersions paintings.
- Separating, sintered layers and similar should be removed by suitable mechanical means – sanding, brushing, shot blasting, milling.
- Cement screeds should display a residual moisture  $< 2.0 \text{ CM } \%$  and gypsum screeds  $< 0.5 \text{ CM } \%$  (measuring with CM-apparatus).
- Gravel in concrete as well as macropore concrete surfaces are to be levelled with SCHÖNOX PL.
- Follow the requirements of the relevant valid standards, guidelines and data sheets.

### Technical data

- |                          |  |
|--------------------------|--|
| ● basis                  | synthetic resin dispersion, solvent-free   |
| ● drying time            | approx. 3 hours at $+20 \text{ }^\circ\text{C}$  |
| ● working temperature    | not below $+5 \text{ }^\circ\text{C}$  |
| ● ready for foot traffic | after approx. 5 hours  |
| ● material consumption   | approx. $1.35 \text{ kg/m}^2$ for two layers steps application in officially proofed construction areas                                |
| ● coverage               | $0.74 \text{ m}^2$ (two layers) per kg   |
| ● layer-thickness        | layer-thickness wet minimum $0.45 \text{ mm}$ for each application layer-thickness dry for the whole membrane minimum $0.5 \text{ mm}$ |
| ● colour                 | blue-grey  |

### Priming

- **gypsum substrates such as:**  
gypsum boards  
gypsum full bricks  
gypsum finish  
sanded and vacuumed gypsum screeds  
protect with SCHÖNOX KH (1:1) against moisture.

### Recommended method of working

- SCHÖNOX HA is a ready-for-use membrane. SCHÖNOX HA has a thixotropic viscosity and can be directly removed from the bucket without stirring for application using a trowel. When using a roller, the SCHÖNOX HA should first be stirred.

# SCHÖNOX® HA

- The membrane must be applied in two steps using suitable tools such as lambskin roller, foam roller or trowel.
- The first coating can be applied using a brush, roller or trowel. The second coating should be applied using a finishing trowel.
- Each single layer must be completely dry (approx. 3 hours) before applying the next layer (second coat or tile adhesive).
- Movement joints as well as connecting joints in floors and walls are to be bridged by using the SCHÖNOX ST Accessories.
- Use SCHÖNOX ST FC and ST D for drains and pipes.
- The SCHÖNOX ST Accessories are embedded into the fresh coating and during the second coating they are completely overcoated or overfilled and embedded into the sealing layer. To guarantee the function of the membrane, this procedure must be carried out carefully.
- Follow the guidelines of the SCHÖNOX SHOWER LINE leaflet.
- Clean tools in water immediately after use. Remove pollution immediately.

## Packaging

- 22.0 kg plastic pail
- 16.0 kg plastic pail
- 7.0 kg plastic pail

## Storage

- Store SCHÖNOX HA in cool, frost-free and dry conditions.
- Shelf life 12 months (in closed packaging).
- Pails that have been opened should be closed immediately.

## Disposal

- Empty packaging, scraped-out, drip-free and dispose of in accordance with the regulations.

## EMICODE

- EC 1: very low emission

## Instructions

- All values are approximate, are subject to local climatic fluctuations.



The SCHÖNOX management system  
is certified to ISO 9001 and 14001 by DQS.

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.