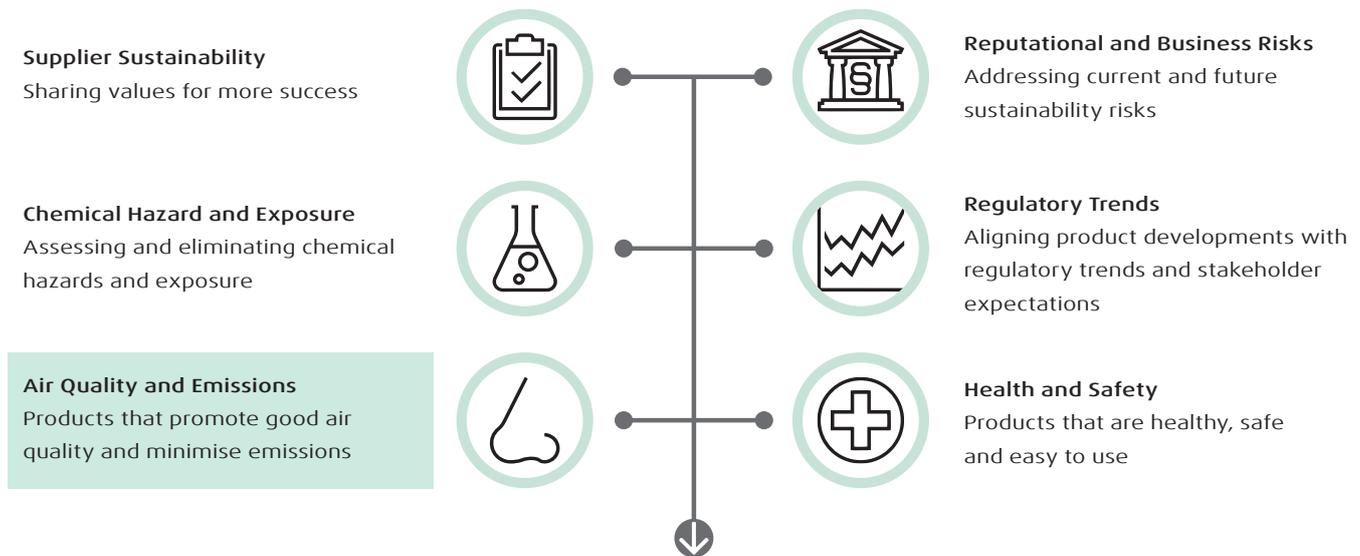


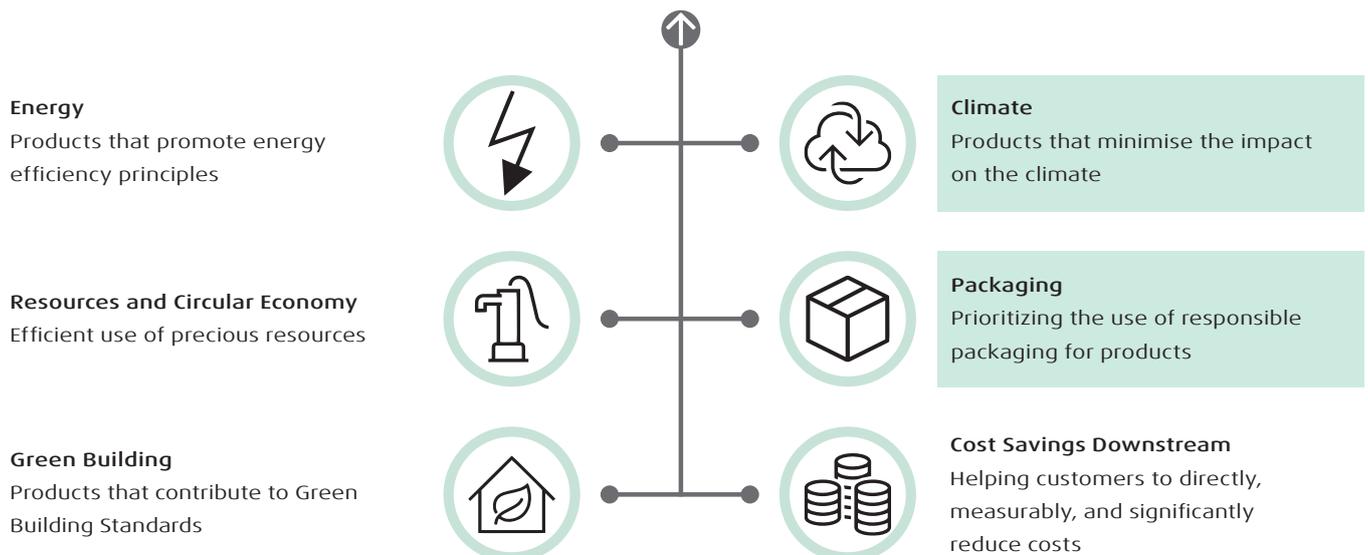
# SCHÖNOX® HA PRO

**Sustainability Portfolio Management (SPM)** is the mechanism used by Sika to evaluate and classify its products in defined segments in terms of Performance and Sustainability. Sika's SPM Methodology is based on and conforms with the WBCSD's Chemical Industry Methodology for Portfolio Sustainability Assessments (PSA). The methodology includes a Sustainability evaluation step involving a detailed evaluation of the product against a range of criteria covered within the 12 most material Sustainability Categories for Sika.

The relevant Sustainability Categories for this product are **highlighted** in the infographic below.



## SPM Sustainability Evaluation



# SCHÖNOX® HA PRO

## More Performance - More Sustainable

“More Performance – More Sustainable” stands for Sika’s product innovation through a unique combination of higher performance and proven sustainability benefits. A Sustainable Solution is a product in a given application which combines superior performance with a significant sustainability contribution within its technology range for our customers.

### MORE PERFORMANCE MORE SUSTAINABLE

- Quick-drying time
- Outstanding workability
- Lower consumption per m<sup>2</sup>
- Reduced CO<sub>2</sub> footprint per m<sup>2</sup>
- Lower emission (EC1 PLUS)
- Post consumer recycling pail (75%)

## Product Characteristics and Benefits

SCHÖNOX HA PRO is a ready-to-use, 1-component waterproofing compound under ceramic tiles and slabs for damp and wet areas indoors. The optimised binder formulation combines the technical properties for safe and easy application with a significant reduction of environmental impact.

### Your Benefits:

- **Climate: 15% reduction in carbon footprint**
- **Air Quality and Emissions: Very low emission (EC1 PLUS)**
- **Packaging: Pails made from 75% post-consumer recycling material**

## Climate: 15% Reduction in Carbon Footprint

SCHÖNOX HA PRO has a reduced carbon footprint as a result of using alternative raw materials with lower carbon footprint. When compared to a reference Liquid Applied Waterproofing Membrane, the raw material composition of SCHÖNOX HA PRO shows approximately 15% reduction in Global Warming Potential (GWP) per m<sup>2</sup> applied. This corresponds to approximately 1.8 kg of CO<sub>2</sub> eq. saved per 7 kg pail of Liquid Applied Waterproofing Membrane.

- A Life Cycle Assessment (LCA) was conducted in order to generate the GWP figures presented in this factsheet. The goal of the LCA was to compare the formulation of this new sustainability optimized binder formulation to the formulation of a reference Liquid Applied Waterproofing Membrane in order to evaluate the impact of the improved formulation.
- LCA is a standardized method used to assess and compare the inputs, outputs and potential environmental impacts of products and systems. The LCAs conducted internally by Sika are performed according to ISO 14040 and EN 15804 standards and make use of the CML 2001 impact assessment methodology. Sika LCAs make use of Sika and industry-standard data. For this study, specific LCA data from suppliers were used for some of the raw materials.

## Air Quality and Emissions: Very low Emission

SCHÖNOX HA PRO is a 1-component membrane with very low emissions fulfilling the strict requirements of the EC1 PLUS class in the EMICODE system. The requirements of the EC1 PLUS emission class are stricter than the legal requirements in many European countries including Germany, France, and all Scandinavian countries. With these strict requirements, obligatory emission test in independent laboratories, and an external product quality control, the EMICODE system ensures that no harmful VOC emissions are caused by products of the EC1 PLUS class.

- **VOC emission classification according to EMICODE EC1 PLUS, very low emission**

# SCHÖNOX® HA PRO

## Packaging: Pails made from 75% Post-Consumer Recycling Material

The pails used for SCHÖNOX HA PRO are made from 75 % post-consumer recycling material (PCR). The PCR materials are mainly sourced from household packaging waste. Reprocessing of existing plastic reduces the consumption of fossil resources and the carbon footprint of the packaging.

## Green Building: LEED and DGNB

### LEED - Leadership in Energy and Environmental Design

SCHÖNOX HA PRO is part of the Sika LEED product portfolio and on two LEED v4 requirements, thus directly contributing to the attainment of 1.5 points. More details about the individual credit fulfilment are given in the Sika LEED Attestation.

- LEED v4 "Indoor Environmental Quality" credit "Low-emitting materials" (1 pt)
- LEED v4 "Materials and Resources" credit "Building product disclosure and optimization - environmental product declarations" Option 1 (0.5 pt)

### DGNB - Deutsche Gesellschaft für Nachhaltiges Bauen, a German Sustainable Building Council

SCHÖNOX HA PRO is classified in group No. 9 „Barrier coatings, resin screeds, seals under tiles“ and

- meets the requirements of the highest quality level 4 in the DGNB certification system with the GISCODE D1 and the EMICODE EC1 PLUS emission class (version 2020, criterion ENV 1.2 local environmental impact).

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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