

## PRODUCT DATA SHEET

# SikaWall®-450 BH

Water based coating for interior walls and ceilings

### DESCRIPTION

Water based coating, formulated on styrene-acrylic resins for interior walls and ceilings. Suitable for use in hot and tropical climatic conditions.

### USES

- Interior coating for walls and ceilings
- Can be applied to various types of substrates:
  - Plaster
  - Wood and its derivatives
  - Cementitious boards
  - Concrete (decorative purposes only)
  - Dry walls

### CHARACTERISTICS / ADVANTAGES

- Matt finish
- Good coating coverage
- Excellent wet scrub resistance
- Easy to clean
- Durable

### PRODUCT INFORMATION

<b>Composition</b>	Styrene-acrylic resin dispersion	
<b>Packaging</b>	3.6 and 18 liter pails	
<b>Shelf life</b>	12 months from date of production if stored in undamaged and unopened, original sealed pails	
<b>Storage conditions</b>	Store in cool, dry conditions away from frost and direct sunlight.	
<b>Appearance and colour</b>	Available in white Other colors upon request, according to RAL and NCS catalogues	
<b>Density</b>	~1,50 kg/l (25 °C)	
<b>Solid content by mass</b>	~59 %	
<b>System structure</b>	Primer	1 x SikaWall®-45 P
	Putty	1 x Sikagard Putty
	1 <sup>st</sup> coat	1 x SikaWall®-450 BH
	Top coat	1 x SikaWall®-450 BH

### APPLICATION INFORMATION

**Consumption** 8 – 10 m<sup>2</sup>/l per coat

Note: It may be necessary to apply a 3rd coat of SikaWall®-450 BH depending on the color and substrate porosity.

<b>Ambient air temperature</b>	+8 °C min. / +45 °C max.	
<b>Substrate temperature</b>	+8 °C min. / +45 °C max.	
<b>Waiting time to overcoating</b>	Between SikaWall®-45 P and SikaWall®-450 BH:	~5h (25 °C)
	Between coats of SikaWall®-450 BH:	~4h (25 °C)

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

Application by brush, roller or airless equipment.

### SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be dry, clean and free of dirt, dust or residues from old coatings. Fully remove loose particles or powder by brushing or cleaning with moistened cloth. Ensure perfect adhesion of old coatings.

### MIXING

SikaWall®-450 BH is supplied ready to use. Stir well before use.

### APPLICATION

Prior to the application of SikaWall®-450 BH the priming coat must have cured tack-free. Also confirm substrate moisture content, relative air humidity, dew point, substrate, air and product temperatures. Apply SikaWall®-450 BH onto the prepared substrate evenly using a roller, brush or airless spray at the required consumption rate.

## CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use. Hardened and/or cured material can only be removed mechanically.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, 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. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. 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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All products are supplied under  
a management system certified  
to conform to the requirements  
of the quality, environmental  
and occupational health &  
safety standards ISO 9001,  
ISO 14001 and ISO 45001.

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### Product Data Sheet

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