

## PRODUCT DATA SHEET

# SikaWall®-485 MP Lime Remover

Bio-degradable surface pre-treatment cleaner for concrete, masonry and other mineral substrates

### PRODUCT DESCRIPTION

SikaWall®-485 MP Lime Remover is a Phosphoric acid based pre-treatment and cleaning agent which provides high efficiency in the removal of lime deposits when applied to a mineral substrate. It helps towards achieving proper surface preparation to optimize the chemical bond of Sikawall-485 paint or stain on the substrate. Ready to apply, for exterior and interior use.

### WHERE TO USE

SikaWall®-485 MP Lime Remover helps to removes lime deposit & cement laitance on mineral surfaces. Can be used as a cleaning agent on excessively soiled surfaces. Prepares surfaces to optimize the chemical adhesion of Sikawall-485 MP.

### CHARACTERISTICS / ADVANTAGES

- Works quickly
- Biodegradable, non-abrasive
- Safe for nearby vegetation, plants and grass
- Does not contain solvents
- Non-flammable - Does not release toxic gases or smoke in case of fire
- Zero VOC

### PRODUCT INFORMATION

Packaging	3.78 L (1 US gal)
Appearance / Colour	Transparent pink liquid
Shelf Life	12 months in its original, unopened pail.
Storage Conditions	Store protected, in dry conditions, at temperatures between 5 °C to 30 °C. Do not expose to direct sunlight and heat. Protect from freezing. If the product has frozen, do not use.
Density	ASTM C127-15 / ~ 1.1 g/cm <sup>3</sup>
pH-Value	ASTM D5324-16 / ≈ 1 (Acidic)
Volatile organic compound (VOC) content	0 g/L
CSC MasterFormat®	03 01 30.51 Cleaning of Cast-in-Place Concrete 03 01 40.51 Cleaning of Precast Concrete

## APPLICATION INFORMATION

Consumption	Approximately 50 m <sup>2</sup> to 75 m <sup>2</sup> (540 ft <sup>2</sup> to 810 ft <sup>2</sup> ) per 3.78 L (1 US gal) per application of SikaWall®-485 MP Lime Remover.
	The consumption indicated is a reference value on a smooth surface. Exact values can only be determined on the specific substrate of the project.
Product Temperature	Minimum 5 °C / Maximum 30 °C
Ambient Air Temperature	Minimum 5 °C / Maximum 30 °C
Substrate Temperature	Minimum 5 °C / Maximum 30 °C

## SYSTEMS

System Structure	SikaWall®-485 MP Lime Remover is part of the SikaWall-485 system. To be used to prepare the surfaces and optimize the chemical adhesion of Sikawall-485 coatings.
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## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## LIMITATIONS

- Verify that the surfaces treated with the SikaWall®-485 MP Lime Remover is dry before the application of the Sikawall-485 paint system.
- Always pre-test to verify the integrity of the surface and the expected result finish.
- Provide appropriate protection for surfaces which are not to be treated.
- SikaWall®-485 MP Lime Remover must not be applied at temperatures below 5 °C nor those more than 30 °C.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

Wait until the cure is complete and the surface to be treated is completely dry before the application of SikaWall®-485 MP Lime Remover.

Always carry out an application test of SikaWall®-485 MP Lime Remover in an inconspicuous area under real conditions and on actual substrate to ensure the compatibility of the product with the surface. This validation will precise the required waiting time to obtain the desired results and will determine if a subsequent application of SikaWall®-485 MP Lime Remover is necessary. This will also determine the specific consumption rate and help to estimate the quantity of SikaWall®-485 MP Lime Remover needed for the entire project.

### MIXING

Agitate SikaWall®-485 MP Lime Remover thoroughly to ensure uniformity (always verify that the bottle cap is securely closed before agitating). Potable water can be used as a diluent with SikaWall®-485 MP Lime Remover. Always have accurately measured materials. Do not exceed the recommended ratios. Mix potable water with SikaWall®-485 MP Lime Remover for about three (3) until a homogeneous mixture is obtained.

The recommended ratios are:

#### For exterior uses:

Dilute 1 L (0,3 US gal) of SikaWall®-485 MP Lime Remover with 3 L (0,8 US gal) Water

#### For interior uses:

Dilute 1 L (0,3 US gal) of SikaWall®-485 MP Lime Remover with 5 L (1,3 US gal) Water

The SikaWall®-485 MP Lime Remover should be stirred regularly in its container before & during application to avoid the segregation of constituents.

## APPLICATION METHOD / TOOLS

Use a natural paint brush or nylon/polyester

## APPLICATION

Apply SikaWall®-485 MP Lime Remover with a brush from bottom to top. Allow the liquid to penetrate to ensure the full saturation of the surface.

SikaWall®-485 MP Lime Remover will react instantly at the contact of the surface. The reaction will generate a slight white fizzing on the substrate.

The exterior surfaces treated with SikaWall®-485 MP Lime Remover needs to be rinsed with water. The interior surfaces treated with SikaWall®-485 MP Lime Remover don't need to be washed afterwards.

Pure lime new surfaces and / or mortars develop resistance slowly by absorbing dioxide carbon. This slow process can cause new lime deposits to appear. In this context, a second application may be necessary. Wait a period of 4 weeks before the second application of SikaWall®-485 MP Lime Remover.

**IMPORTANT NOTE :** Always carry out an application test in an inconspicuous to verify substrate conditions and to confirm application method, consumption, coverage, dwell time and if a subsequent application is necessary to help achieve desired results. Best practice suggests that the selected area is acceptable to all parties involved and that it is representative of the area to be eventually pretreated and cleaned.

## CLEAN UP

Clean all tools and application equipment with water immediately after use.

## 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 recommendations, or from any other advice offered.

The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### Product Data Sheet

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