

PRODUCT DATA SHEET

Sikalastic®-510 PH

RAINGUARD - Styrene Acrylic Liquid Applied Membrane for Walls, Facade, and Sloped Roofs

DESCRIPTION

Sikalastic®-510 PH is a liquid applied membrane for walls, facades, and sloped roofs. Sikalastic®-510 PH is also designed to be reinforced with fabric/mesh for UV-exposed, non-ponding, positive-side waterproofing

USES

For waterproofing of:

- Walls
- Facades
- Sloped roofs

CHARACTERISTICS / ADVANTAGES

- Ready-to-use
- Water-based
- Flexible & able to bridge cracks
- Low VOC

PRODUCT INFORMATION

Packaging	4L, 16L Pail
Colour	Grey, White, Beige
Shelf Life	12 Months from date of manufacture if stored in the original unopened container
Storage Conditions	Store in cool, dry, and shaded place with temperatures ranging from +5°C to +35°C

APPLICATION INFORMATION

Consumption	8 m ² /4L at 0.6 Kg/m ²
--------------------	---

SYSTEM INFORMATION

System Structure	Primer	Depends on substrate type & conditions (Please consult Technical Team for further information)
	Base Coat (1st Layer)	Sikalastic®-510 PH (~0.3 Kg/m ² to 0.6 Kg/m ²)
	Base Coat (2nd Layer)	Sikalastic®-510 PH (~0.3 Kg/m ² to 0.6 Kg/m ²)
<ul style="list-style-type: none">▪ Additional coats could be applied if required by the stakeholders▪ Sikalastic®-510 PH is designed to receive reinforcement if necessary		
System Performance	Adhesion Strength (at 28 Days)	>0.8 MPa
	Elongation (at 28 Days)	>300% at 28 Days
	Tensile Strength (at 28 Days)	>1.0 MPa

BASIS OF PRODUCT DATA

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

USES

- Ambient temperature for use: +10°C to +35°C
- Do not add sand to Sikalastic®-510 PH
- Sikalastic®-510 PH is not recommended for use in areas of water immersion (e.g. pools, spa, decks/gutters with long term water immersion)
- Do not apply on areas where traffic is expected
- Do not apply in damp or freezing conditions

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

SUBSTRATE QUALITY

- The substrate must be sound and free from irregularities, sharp projections, loose particles, oil, grease, coating, moss, mold, and any foreign matter
- Surface must have sufficient slope to avoid water ponding
- Any voids or potholes must be filled with approved repair material (e.g. Lanko®, SikaTop®)
- The area must be dry.
- If the surface is cementitious, it must be sufficiently cured.

APPLICATION

Priming:

- Please consult with technical team for primer layer. Generally:
 - For old concrete, it is recommended to use approved Sikalastic® or Davco® primer for acrylic liquid applied membranes

- For steel, it is recommended to use approved Sikalastic® Metal Primer

Application:

1. Stir Sikalastic®-510 PH well prior to use.
2. Once the substrate is prepared, spread Sikalastic®-510 PH onto the substrate using roller, brush, or airless spray.
3. Allow the previous coat to dry prior to application of the next coat.
4. Apply the next coat of Sikalastic®-510 PH. Add additional coats if needed and if reinforced.

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.

Sika Philippines Inc.

888 Cayetano Avenue,
C5 Extension, Brgy. Palingon - Tipas
Taguig City, Philippines 1630
Telephone no. +63 2 8790-9800
Fax no. +63 2 8790-9828

Product Data Sheet

Sikalastic®-510 PH
January 2025, Version 01.01
020915108010000033

Sikalastic-510PH-en-PH-(01-2025)-1-1.pdf

