

PRODUCT DATA SHEET

Sikalastic®-530 PH

Polyurethane-containing liquid applied membrane

DESCRIPTION

Sikalastic®-530 PH is a liquid-applied polyurethane-containing elastomeric seamless waterproofing membrane. Moisture-cured characteristics ensure that further works can be carried out at a shorter time once the membrane has dried out.

USES

- All types of roofs, balconies and decks
- Roofs (Requires good slope; for metal substrates, the use of corrosion protection primer is recommended)
- Waterproofing of external areas such as suspended structures

CHARACTERISTICS / ADVANTAGES

- Liquid applied.
- Ready-to-use
- Rapid curing
- Flexible
- Seamless application
- UV resistant

APPROVALS / STANDARDS

Low VOC as tested in accordance with the relevant ISO 16000, EN 16516, CDPH 01350, and ASTM D2369 testing standards

PRODUCT INFORMATION

Packaging	4L pail 20L pail
Colour	Grey, White
Shelf Life	12 months in unopened containers
Storage Conditions	Stored in a cool dry place

TECHNICAL INFORMATION

Shore A Hardness	~64 (ASTM D2240)
Dry film thickness	min. 0.8mm
Crack Bridging Ability	max 3.2mm (10cycles) (ASTM C1305)
Resistance to Water Penetration	Nil (Tested up to 5 Bars) (DIN 1048)
Elongation at break	≥550% (ASTM D412)

SYSTEM INFORMATION

System Structure	Coating System	Consumption
Primer	Sikalastic® -500 Acrylic Primer PH	≥0.3 kg/m ²
Base Coat	Sikalastic® -530 PH	≥1.4 kg/m ² (Minimum for 2 Coats)
Reinforced System		
Primer	Sikalastic® -500 Acrylic Primer PH	≥0.3 kg/m ²
Base Coat	Sikalastic® -530 PH	≥1.4 kg/m ² (Minimum for 2 Coats)
	Fiber mesh	≥80 gsm
Base Coat	Sikalastic® -530 PH	≥1.0 kg/m ²

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.

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 PREPARATION

- All surfaces to be treated must be as clean and dry as possible. It may be necessary to wire brush areas where dirt or scale cannot be removed, with a stiff broom. Moisture is recommended to be <4% pbw.
- Check surface for cracks, splits, flashing, coverings, etc. where cracks exceed 1mm, crack must be repaired. It also recommended to use fabric matting, followed by a liberal application of Sikalastic®-530 PH.
- For reduction in blistering and better adhesion to concrete substrate, prime area with Sikalastic® -500 Acrylic Primer prior to application.
- Proper slope to drain must be provided for the system as to prevent extensive ponding on Sikalastic®-530 PH

APPLICATION

1. Sikalastic®-530 PH should be applied directly from the pail.
2. Apply one coat Sikalastic®-530 PH to the whole area and allow to cure, approx. 2-4 hours.
3. Apply the 2nd coat of Sikalastic®-530 PH in a perpendicular direction to 1st coat.
4. All joints on floors should preferably be treated with additional coat of Sikalastic®-530 PH and appropriate joint solutions (e.g. Sikaflex®)
5. Ponding test should be carried out at least 48 hours after the final application of Sikalastic®-530 PH

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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