

PRODUCT DATA SHEET

SikaRoof® VersiDrain® P-Anchor®

UNDER SCREED DRAINAGE MAT FOR EFFLORESCENCE MITIGATION

DESCRIPTION

SikaRoof® VersiDrain® P-Anchor® is a lightweight under screed drainage mat installed between the structural slab and the covering screed, or between hardscape finishes. Modules are manufactured from recycled polypropylene (PP), and it allows entrapped water in the finishes' cement screed to drain away through the perforations in the mat.

SikaRoof® VersiDrain® P-Anchor® modules interlock with adjacent modules for easy installation and has a smooth base for safe placement directly over the waterproofing membrane. The frusto-pyramidal openings allow the screed that is poured onto SikaRoof® VersiDrain® P-Anchor® to flow through and bind to the substrate below, eliminating a floating slab.

USES

Under screed drainage mat for podiums, balconies, rooftops and areas with hardscape finishes requiring mitigation efforts against efflorescence by allowing entrapped moisture to escape.

PRODUCT INFORMATION

Packaging

- SikaRoof® VersiDrain® P-Anchor® : 20 pieces / bundle

CHARACTERISTICS / ADVANTAGES

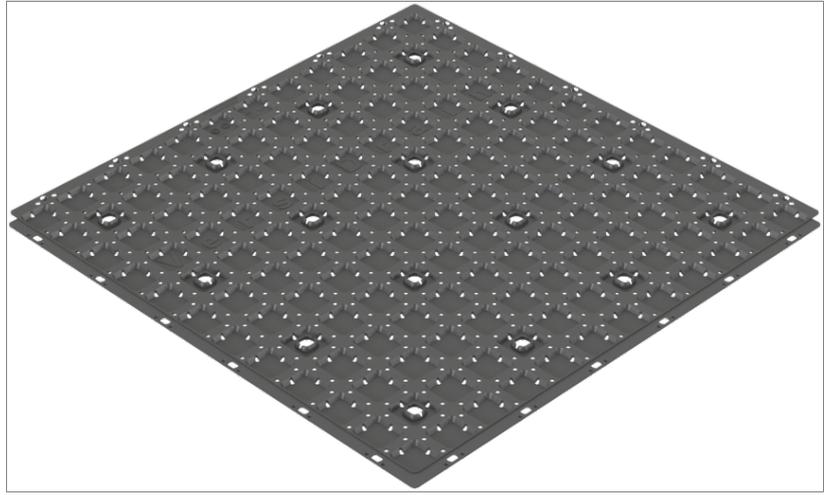
- Perforations to drain moisture within the screed
- Drainage channel to facilitate water flow
- Trays interlock adjacently for uniform coverage
- Smooth base protects underlying waterproofing membrane
- Frusto-pyramidal openings for bonding to structure
- Cut to size for odd shaped layouts
- Resistant to biological attack by moulds and algae
- Chemically resistant to acids, alkalis, oils and soil chemicals
- Operates within a wide service temperature range

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 3253

Appearance / Colour

Black dimpled perforated square modules



Shelf Life	No expiration date if the product is stored in accordance to the storage conditions as stated in this Product Data Sheet
Storage Conditions	Bundles must be stored in their original packing, laid in a horizontal position, and under cool and dry conditions. The product must be protected from direct sunlight, rain, snow and ice, and any other elements
Dimensions	500 x 500 x 6 mm
Weight	1.8 kg/m ²

TECHNICAL INFORMATION

Compressive Strength	Unbonded 800 kN/m ²	Bonded (Gr20 c/s screed) 15,000 kN/m ²	(ASTM D695-15)
Pull-Out Resistance	Pull out resistance to concrete 4 kN/m ²		
Service Temperature	-30 °C to 80 °C		

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.

IMPORTANT CONSIDERATIONS

- SikaRoof® VersiDrain® P-Anchor® is not resistant to permanent weathering and UV exposure.
- When used in combination with Sarnafil® or SikaPlan® membranes, a separation/protection layer is recommended.

For more information, please contact Sika Sales Personnel.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Clean and sound surface shall have at least a wood float finish. All holes, joints, and cracks and honeycombs in concrete or masonry surfaces shall be filled with an approved grout and allowed to cure. High spots in concrete or masonry surfaces shall be cut off or ground down to prevent damage/puncture to the drainage module.

APPLICATION

SikaRoof® VersiDrain® P-Anchor® shall be loosely laid and interlocked with adjacent modules connected by proprietary in-built clips to form a continuous drainage layer without any mechanical fixing either on top of the waterproofing membrane or on top of the concrete surface. For a bonded application, the cement & sand screed shall be poured onto the drainage modules to receive tile finishes. For an unbonded application, insulation boards shall be installed on the drainage modules before applying tile adhesive and finishes.

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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