

PRODUCT DATA SHEET

Drainage Panel 980

DRAINAGE PANEL 980 IS A COMPOSITE PANEL DESIGNED FOR APPLICATIONS WITH SOIL OVERBURDEN

PRODUCT DESCRIPTION

Drainage Panel 980 is a high quality prefabricated composite panel designed to provide continuous free flow of water in applications with soil overburden such as green roofs, landscaped plazas and planters. The drainage panel has a three dimensional high impact polymeric core and non-woven geotextile fabric that provides better filtration of small soil particles. Water passes freely into the drain core, where it is gravity fed to the drain or to discharge.

USES

To provide free flow of water in horizontal applications

Areas of Application

- Green Roofs
- Planters
- Landscaped Plazas

CHARACTERISTICS / ADVANTAGES

- Provides free flow of water in soil areas
- Provides a uniform flow path for water to escape
- Relieves hydrostatic pressure build up

PRODUCT INFORMATION

Chemical Base	High impact resistant polypropylene core and non-woven geotextile fabric
Packaging	4 ft x 50 ft (1.2 m x 15.2 m) roll, 45 lbs per roll
Shelf Life	N/A
Storage Conditions	N/A
Thickness	0.40" (10.2 mm) (ASTM D-5199)
Unit weight	0.23 lb/ft ² (1.12 kg/m ²)

TECHNICAL INFORMATION

Resistance to Static Puncture	130 lbs (0.58 kN) Fabric (ASTM D-4833)
Tensile Strength	208 lbs (0.90 kN) Grab Tensile Fabric (ASTM D-4632)
Opening Size	80 EOS, US Sieve (0.18 mm) (ASTM D-4751)
Design Considerations	21,000 psf (1,005 kN/m ²) Compressive Strength (ASTM D-1621)
Flow Rate	Core Flow 21 gpm/ft width (261 lpm/m width)* (ASTM D-4716) <small>* Q at 3,600 psf & Hydraulic Gradient = 1.0 (300 hrs). Information contained herein is offered solely for the customer's consideration, investigation and verification. Determination of suitability for use is the sole responsibility of the user.</small>
	Fabric Flow 95 gpm/ft width (3,866 lpm/m width) (ASTM D-4491)

APPLICATION INSTRUCTIONS

APPLICATION

Drainage Panel 980 is installed by an authorized Sika Sarnafil Waterproofing Applicator. The drainage panel is loosely laid over the completed waterproofing system. Panels are interlocked or snapped together to form one continuous layer of material. Consult with Sika Sarnafil Extensive and Intensive Green Roof Waterproofing Specifications for further information.

MAINTENANCE

Standard maintenance of roofs should include inspections of flashings, drains and termination sealants at least twice a year and after each storm.

AVAILABILITY/WARRANTY

Availability

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

Warranty

Upon successful completion of the installed roof by the Sika Authorized Applicator, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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