

PRODUCT DATA SHEET

Drainage Panel Geonet B

Prefabricated drainage composite

PRODUCT DESCRIPTION

Drainage Panel Geonet B is a high quality prefabricated drainage composite designed to provide continuous free flow of water in horizontal applications. The drainage panel has a high density polyethylene drainage net and non-woven geotextile laminated on **both** sides. Water passes freely through the composite where it is gravity fed to discharge.

USES

To provide free flow of water in horizontal applications

Areas of Application

- Split Slab
- Green Roofs
- Plazas
- Horizontal Waterproofing

CHARACTERISTICS / ADVANTAGES

- Relieves hydrostatic pressure build-up
- Maintains high flow under long term conditions
- Resistant to biological and chemical degradation
- Excellent resistant to puncture and loading
- Compatible with electronic leak detection systems

PRODUCT INFORMATION

Chemical Base	High density polyethylene geonet and non-woven filtration fabric laminated to both sides
Packaging	<ul style="list-style-type: none">▪ 4 ft x 75 ft (1.2 m x 22.8 m) roll, 80 lbs per roll (36.3 kg)▪ 7 ft x 150 ft (2.1 m x 45.7 m) roll, 275 lbs per roll (124.7 kg)
Shelf Life	N/A
Storage Conditions	N/A
Thickness	Core 0.25" (6.4 mm) (ASTM D-1777)
Mass per Unit Area	0.26 lb/ft ² (1.33 kg/m ²)

TECHNICAL INFORMATION

Resistance to Static Puncture	Fabric 250 lb (1.113 kN) (ASTM D-6241)
Compression resistance	Core 40,000 psf (1,915 kNm ²) (ASTM D-1621)
Tensile Strength	Fabric Grab Tensile 100 lb (0.45 kN) (ASTM D-4632)
Elongation at maximum tensile force	Fabric Grab Tensile 60% (ASTM-D 4632)
Flow Rate	Core Flow 8.5 gpm/ft (106 lpm/m)* (ASTM D-4716) <small>* Q at 3,600 psf & Hydraulic Gradient = 1.0 (300 h). 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 140 gpm/ft ² (5,704 lpm/m ²) (ASTM D-4491)
Opening size	Fabric 70 EOS, US Sieve (0.212 mm) (ASTM D-4751)
UV Exposure	Fabric 70% (ASTM D-4335) @ 500hrs

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.

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 in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

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.

APPLICATION INSTRUCTIONS

APPLICATION

Drainage Panel Geonet B is installed by an authorized Sika Sarnafil Waterproofing Applicator. Drainage Panel Geonet B is installed against the completed waterproofing assembly including protection layer. Drainage Panel Geonet B can be installed directly against the Sarnafil waterproofing membrane. Consult with Sika Sarnafil Regional Offices for further information.

MAINTENANCE

Standard maintenance of roofs, green roofs, and plaza decks should include regular inspection of flashings, drains and termination sealants at least twice a year and after each storm.

OTHER RESTRICTIONS

See Legal Disclaimer.

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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