

## PRODUCT DATA SHEET

# Drainage Panel Geonet A

Prefabricated drainage composite

### PRODUCT DESCRIPTION

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

### USES

To provide free flow of water in both vertical and horizontal applications

#### Areas of Application

- Split Slab
- Vertical Walls/Property Lines
- Foundation Slabs
- High Load Areas

### CHARACTERISTICS / ADVANTAGES

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

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Chemical Base</b>      | High density polyethylene geonet and non-woven filtration fabric laminated to one side   |
| <b>Packaging</b>          | <ul style="list-style-type: none"><li>▪ 4 ft x 75 ft (1.2 m x 22.8 m) roll, 70 lbs per roll (31.8 kg)</li><li>▪ 7 ft x 150 ft (2.1 m x 45.7 m) roll, 225 lbs per roll (102.2 kg)</li></ul> |
| <b>Shelf Life</b>         | N/A  |
| <b>Storage Conditions</b> | N/A  |
| <b>Thickness</b>          | <b>Core</b><br>0.25" (6.35 mm) (ASTM D-1777)   |
| <b>Mass per Unit Area</b> | 0.23 lb/ft <sup>2</sup> (1.14 kg/m <sup>2</sup> )  |

## TECHNICAL INFORMATION

|  |   |
|--|---|
| <b>Resistance to Static Puncture</b>       | <b>Fabric</b><br>250 lb (1.113 kN) (ASTM D-6241)  |
| <b>Compression resistance</b>              | <b>Core</b><br>40,000 psf (1,915 kNm <sup>2</sup> ) (ASTM D-1621)   |
| <b>Tensile Strength</b>                    | <b>Fabric</b><br>Grab Tensile 100 lb (0.45 kN) (ASTM D-4632)  |
| <b>Elongation at maximum tensile force</b> | <b>Fabric</b><br>Grab Tensile 60% (ASTM D-4632)   |
| <b>Flow Rate</b>                           | <b>Core Flow</b><br>8.5 gpm/ft (106 lpm/m)* (ASTM D-4716)<br><small>* Q at 3,600 psf &amp; 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><br><b>Fabric Flow</b><br>140 gpm/ft <sup>2</sup> (5,704 lpm/m <sup>2</sup> ) (ASTM D-4491) |
| <b>Opening size</b>                        | <b>Fabric</b><br>70 EOS, US Sieve (0.212 mm) (ASTM D-4751)  |
| <b>UV Exposure</b>                         | <b>Fabric</b><br>70% (ASTM D-4335)<br>@ 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 A is installed by an authorized Sika Sarnafil® Waterproofing Applicator. Drainage Panel Geonet A is installed against the completed waterproofing assembly including protection layer. Drainage Panel Geonet A cannot 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](http://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.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

#### Sika Corporation

201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)



Product Data Sheet  
Drainage Panel Geonet A  
March 2022, Version 04.01  
020945051350001009

DrainagePanelGeonetA-en-US-(03-2022)-4-1.pdf

