



GEOBLOCK[®]2 POROUS PAVEMENT SYSTEM MATERIAL SPECIFICATION

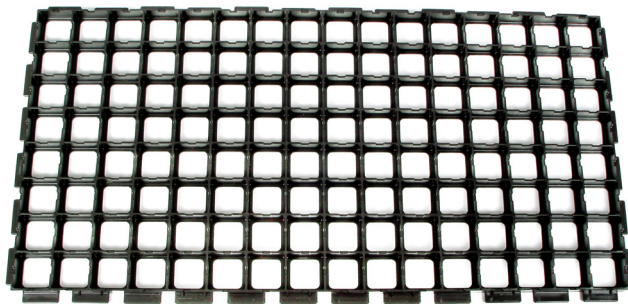
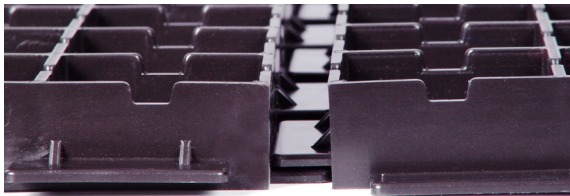


Figure 1 The Geoblock[®]2 Unit



**Figure 2 The Geoblock[®]2 Cell
and Interlocking Offset Tab**

GEOBLOCK[®]2 MATERIAL

Geoblock[®]2 units shall be made from materials with physical and chemical characteristics described in Table 1.

Due to the characteristics of recycled material, color variations within the Geoblock[®]2 units shall be acceptable.

GEOBLOCK[®]2 APPLICATIONS

- Trails: Pedestrian Greenways, Bicycle, Motorcycle and ATV
- Parking Areas: Parks, Churches, Commercial Buildings, Sports Facilities, Homes
- Access Lanes: Passenger and Light-weight Utility Vehicles
- Golf Courses: Cart Edging, Pathways and Tee Areas
- Driveways and Parking Areas: Passenger Vehicles, Campers and Boats
- General: Special Events, Other High Use Areas

TABLE 1 GEOBLOCK[®]2 MATERIAL PROPERTIES

Item	Specification & Details
Material	57-97% Recycled Polyethylene *
Color	Variant Color; Dark Shades of Gray to Black
Carbon Black for Ultraviolet Light Stabilization	1.5% - 2.0%
Nominal Dimensions (width x length)	0.5 m x 1.0 m (20 in x 40 in)
Unit Depth	30 mm (1.18 in)
Nominal Coverage Area	0.50 m ² (5.38 ft ²)
Cells per Unit	128 (8 x 16 cells)
Cell Size	57 mm x 57 mm (2.25 in x 2.25 in)
Top Open Area per Unit	88%
Bottom Open Area per Unit	56%
Weight per Unit (nominal)	2.1 kg (4.7 lb)
Runoff Coefficient @ 63.5 mm/hr (2.5 in) Rainfall	1.5%
Units per Pallet	92

End-to-end or side-to-side warpage of the Geoblock[®]2 unit shall not be greater than 6 mm (0.5 in).

* The percentage of recycled content may vary depending on availability of recycled materials.

NOTE: Dimensions and weight are subject to manufacturing tolerances and are influenced by recycled component characteristics.

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GEOBLOCK[®] 2 POROUS PAVEMENT SYSTEM

MATERIAL SPECIFICATION



BASE RECOMMENDATION CHART

Load Class	Load Description	Gross Loading	Depth of Engineered Base	
			CBR ¹ >4	CBR ¹ 2-4
Surface Stabilization	Pedestrian, Wheelchair, Bicycle, Motorcycle, ATV, Golf Cart, Campers and Boats	<0.45 tonne (<1,000 lb)	None	50-100 mm ² (2-4 in)
Load Distribution	Passenger and Light-Weight Utility Vehicles	up to 3.6 tonne (8,000 lb)	50-100 mm ² (2-4 in)	100-200 mm ² (4-8 in)
	H10-H20 Loading Utility & Delivery Trucks Light and Heavy Fire Trucks	>3.6 tonne >(8,000 lb)	Geoblock [®] 2 not recommended. Use Geoblock [®] 5150 for this application.	

¹ CBR refers to California Bearing Ratio.

² A geotextile separation layer may be required between the natural ground and the engineered base.

BASE RECOMMENDATION

System Type	Infill Type	Base Recommendation (if Required)
Vegetated	Topsoil with selected grass-seed or sod.	The required base soil for vegetated systems shall consist of a mixture of coarse sand, clear-stone or crushed rock blended with topsoil (per Recommended Topsoil). This mixture will promote vegetative growth and provide required structural support. The aggregate portion should be free from fines and have a known percentage void-space when compacted. Pulverized topsoil, equal to the void percentage in the aggregate, should be added and blended prior to placement. If the topsoil is not present within the engineered base, grass growth may be significantly impaired.
Non-Vegetated	Aggregate, Sand, Bark or Wood Chips, Crushed Shells, Other Suitable Infill	The required base soil for non-vegetated systems shall be a well-graded aggregate with a fine content less than 10%.

MATERIAL WARRANTY

Presto Products Company ("Presto") warrants each Presto Geoblock[®] 2 unit which it ships to be free from defects in materials and workmanship at the time of manufacture. Presto's exclusive liability under this warranty or otherwise will be to furnish without charge to Presto's customer at the original f.o.b. point a replacement for any section which proves to be defective under normal use and service during the 2-year period which begins on the date of shipment by Presto. Presto reserves the right to inspect any allegedly defective section in order to verify the defect and ascertain its cause.

This warranty does not cover defects attributable to causes or occurrences beyond Presto's control and unrelated to the manufacturing process, including, but not limited to, abuse, misuse, mishandling, neglect, improper storage, improper installation or improper application. Presto makes no other warranties, express or implied, written or oral, including, but not limited to, any warranties or merchantability or fitness for any particular purpose, in connection with the Presto Geoblock[®] 2 Porous Pavement System. In no event shall Presto be liable for any special, indirect, incidental or consequential damages for the breach of any express or implied warranty or for any other reason, including negligence, in connection with the Presto Geoblock[®] 2 Porous Pavement System.

This document has been prepared for the benefit of customers interested in the Presto Geoblock[®] 2 Porous Pavement System. It was reviewed carefully prior to publication. Presto Products Company assumes no liability and makes no guarantee or warranty as to its accuracy or completeness. Final determination of the suitability of any information or material for the use contemplated, or for its manner of use, is the sole responsibility of the user.