PRESTO GEOSYSTEMS

GEOBLOCK®2 SPECIFICATION

Table 1 Geoblock ®2 Porous Pavement Unit

Item	Specification & Details
Material	Up to 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)
Nominal Unit Depth	30 mm (1.2 in)
Nominal Coverage Area	0.50 m² (5.38 ft²)
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	(.15)
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.	

Table 2 Base Recommendations for the Geoblock®2 Unit

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 Carts, Campers and Boats	<0.45 tonne (<1,000 lb)	0-50 mm[2] (0-2)	50-100 mm[3] (2-4 in)
Load Distribution	Car and Pick-up Truck Access Occasional Passes[4]	≤ 3.6 tonne (8,000 lb)	50-100 mm[3] (2-4 in)	100-200 mm[3] (4-8 in)
	H10 Loading: Maintenance Truck Access Infrequent Passes[4]	≤ 18.1 tonne (40,000 lb)	100-200 mm[3] (4-8 in)	150-250 mm[3] (6-10 in)
	H15-H20 Loading: Fire Truck Access Infrequent Passes[4]	≤ 36.3 tonne (80,000 lb)	150-250 mm[3] (6-10 in)	250-350 mm[3] (10-14 in)

[1] CBR is the abbreviation for California Bearing Ratio.

[2] 50 mm (2 in) is recommended if with vegetated infill and over sterile soils.

[3] A geotextile separation layer may be required between the natural ground and the engineered base.

[4] Occasional and infrequent passes is defined as the number of passes over any period of time that causes no lasting damage to vegetation. This number will be a function of the vegetation type and age, climatic conditions and maintenance practices.

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JUNE 1, 2008