

Draining GeoFoam Panel

Lightweight and strong, these panels offer all the benefits of GeoFoam with added drainage capability.

Designed specially for green roof and planter wall applications, these panels allow water to flow through the integrated drainage channels.



PRODUCT DATA

Material	EPS (Expanded Polystyrene)
Size	24" x 48"
Thickness	2"

TECHNICAL DATA

Properties	Units	Result	Test Method
Density, min	lb/ft ³	1.0	ASTM C-303
Compressive Strength at 10% Deformation*	psi	10	ASTM D-1621
Water Vapor Permeance at 1" Thick	perms	5.0	ASTM E-96
Flexural Strength, min	psi	25.0	ASTM C-203
Buoyancy Force	lb/ft ³	61.5	
Water Absorption (24 hr immersion)	% by volume	3.0	ASTM C-272
Water Absorption (24 hr immersion & 24 hrs @ 50% RH)	% by volume	0.3	ASTM C-272
R-value per inch at 40°F Mean Temperature	(°F) x hr x ft ² /BTU	4.2	ASTM C-518
Flame Spread Index		<25	ASTM E-84

* Draining GeoFoam Panels are elastic up to 1% deformation. A safety factor of 3 is recommended for long term loads to minimize long term deflection.

