

Greenroof-Roofscapes®

Roofscape® RND 2.4



DESCRIPTION

Roofscapes® RND 2.4 (Retention & Drainage) provides water storage for intensive roofs with large plant palettes. Specific to this product, it:

- Is a high density plastic panel that **retains water within pockets** on the upper side, making water available to vegetation.
- Has **drill holes to drainage channels** for diffusion and irrigation.
- Channels surplus water through its **bottom-sided canal system** for secure drainage.
- Allows for the incorporation of a complete array of zone appropriate **drought tolerant plantings**; in a greater than 12" depth assembly.
- **Transfers loads uniformly** to the substructure via large contact areas.



USES

- High load capacity systems that harvest stormwater and cool buildings.

INSTALLATION

- Butt boards tight together
- Cover boards with overburden immediately to protect from UV rays & wind uplift



LEED INFORMATION

- Materials & Resources (MR)



PACKAGING

- 25.28 sq/ft per Unit
- 30 Units per Section
- 6 Sections per Pallet (Full Pallet)

	PROPERTIES	MEASUREMENT	TEST METHOD
TECHNICAL PROPERTIES	Materials	High Density Polyethylene (100% Recycled)	-
	Thickness	2.36"	-
	Dimensions	92 1/8" x 39 1/2"	-
	Coverage	25.28 sq/ft	-
	Weight	0.47 lbs/sq ft	-
	Compressive Strength	100.8 lbs/sq ft (filled)	-
	Water Holding Capacity	0.91 in ³ /in ² 0.564 gal/sq ft	-
	Drainage (Fully Saturated)	15.49 in ³ /ft/sec (at 2% slope)	-



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