

Greenroof-Roofscapes®

# Roofscape® RND 1.0 HS



## DESCRIPTION

Greenroof-Roofscapes® RND 1.0 HS (Retention & Drainage) is designed for extensive vegetated roofs requiring moderate water storage. Specific to this product, it:

- Is a semi-rigid waffled plastic sheet 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**.



## USES

- Vegetative roofs with high pressure loads using a complete array of zone appropriate drought tolerant plantings.

## INSTALLATION

- Overlap boards by one cup
- Cover boards with overburden immediately to protect from UV rays & wind uplift



## LEED INFORMATION

- Materials & Resources (MR)



## PACKAGING

- 21.52 sq/ft per Unit
- 50 Units per Section
- 5 Sections per Pallet (Full Pallet)

	PROPERTIES	MEASUREMENT	TEST METHOD
TECHNICAL PROPERTIES	Materials	High Density Polyethylene (100% Recycled)	-
	Thickness	1.06"	-
	Dimensions	78 3/4" x 39 3/8"	-
	Coverage	21.52 sq/ft	-
	Weight	0.51 lbs/sq ft	-
	Compressive Strength	66.71 lbs/sq ft (filled)	-
	Water Holding Capacity	0.57 in <sup>3</sup> /in <sup>2</sup> 0.355 gal/sq ft	-
	Drainage (Fully Saturated)	24.73 in <sup>3</sup> /ft/sec (at 2% slope)	-



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