

ROOF GARDEN

EnkaDrain® 3611R



Overview

Carlisle's EnkaDrain 3611R drainage composite consists of a post-industrial, recycled polypropylene drainage core of fused, entangled filaments and a geocomposite fabric bonded to one side. The entangled filaments are molded into a square waffle pattern that maintains the flexible design to contour to most shapes and angles. When used in conjunction with Carlisle's CCW 300HV protection fabric, EnkaDrain 3611R becomes the ideal drainage composite for high-sloped Roof Garden applications. Carlisle's EnkaDrain 3611R is made of 40% post-industrial recycled content to help contribute towards LEED® credit requirements.

Features and Benefits

- » Excellent durability
- » Conforms to irregular surfaces and corners
- » Excellent drainage properties
- » Built-in filter fabric
- » Built-in 3" (76 mm) overlap for shingling of adjoining pieces
- » Reduces system weight
- » Resistant to organic solvents, degreasing agents, acids and alkalines

Installation

Prior to installing Carlisle's EnkaDrain 3611R, the roofing membrane must be covered with Carlisle's CCW 300HV protection fabric. Unroll Carlisle's EnkaDrain 3611R directly over the CCW 300HV protection fabric with the fabric side up, making sure to put the built-in filter flap facing down the slope. Butt adjacent rolls and overlap the seam with built-in

filter flap creating a shingled system. Under windy conditions, secure the EnkaDrain 3611R with temporary ballast. For best results, proceed with placement of overburden materials as soon as possible.

Review Carlisle specifications and details for complete installation information.

Typical Properties and Characteristics

Physical Property	Test Method	Units	Results
Composite			
Thickness		in (mm)	0.45 (11.43)
Compressive Load	Modified ASTM D1621	lbs/ft ²	>30,000
Total Weight		oz/yd ² (g/m ²)	20.5 (695.2)
Core Weight		oz/yd ² (g/m ²)	16.0 (542.6)
Fabric Properties			
Apparent Opening Size	ASTM D4751	US std. sieve (mm)	70 (0.212)
Weight	ASTM D5261	oz/yd ² (g/m ²)	4.5 (152.6)
Flow Rate	ASTM D4491	gal/min/ft ² (l/sec/m ²)	120.0 (4887)
Grab Tensile Strength	ASTM D4632	lbs (kN)	120.0 (0.54)
Grab Elongation	ASTM D4632	%	50
Puncture Resistance	ASTM D4833	lbs (kN)	70.0 (0.31)

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	40%
Manufacturing Location	Enka (Asheville), NC
Solar Reflectance Index (SRI)	N/A

Packaging

Roll Size	Sheet Size	Weight
39" x 100' (0.99 m x 30.5 m)	325 ft (30 m)	57 lbs (26 kg)