

ROOF GARDEN

CCW 200V/300HV Protection Fabrics



Overview

200V (12 oz/yd²) and 300HV (16 oz/yd²) Protection Fabrics are extremely tough non-woven polypropylene fabrics designed for use as protection course over Carlisle's Roof Garden waterproofing membranes and as filter fabrics used in conjunction with drainage gravel in "deep" intensive Roof Garden assemblies. 200V and 300HV Protection Fabrics exhibit excellent puncture strength and protect the waterproofing membrane from damage by construction traffic and debris. Additionally, they are non-biodegradable and stabilized to resist soil, chemicals and mildew, as well as acids and alkalis.

Features and Benefits

- » Available in 12 oz/yd² (200V) and 16 oz/yd² (300HV)
- » Available in 2 different roll sizes
- » Highly effective filter fabric
- » May be left exposed for up to 30 days with no ill effect

Installation

Unroll Carlisle 200V or 300HV directly over the waterproofing membrane. Position the next roll of protection fabric to overlap the first piece by a minimum of 2". Under windy conditions, secure the protection fabric with temporary ballast. For best results, proceed with placement of designated cover material as soon as possible.

Review Carlisle specifications and details for complete installation information.

Precautions

200V/300HV must not be permanently exposed to sunlight. Limit exposure to sunlight to no more than 30 days prior to covering.

Typical Properties and Characteristics

Physical Property	Test Method	Typical	
		200V	300V
Puncture Resistance	ASTM D4833	130 lbs (0.58 kN)	235 lbs (1.05 kN)
Mullen Burst	ASTM D3786	400 psi (2,756 kPA)	750 psi (5,167 kPA)
Elongation	ASTM D4682	50%	50%
Thickness	ASTM D5199	90 mils (2.3 mm)	150 mils (3.8 mm)

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	0%
Manufacturing Location	Pendergrass, GA

Packaging

CCW 200V Protection Fabric		
Roll Size	Sheet Size	Weight
150" x 300' (3.81 m x 91 m)	3750 ft ² (348 m ²)	233 lbs (106 kg)
40" x 200' (1 m x 61 m)	667 ft ² (62 m ²)	54 lbs (24 kg)
CCW 300HV Protection Fabric		
Roll Size	Sheet Size	Weight
150" x 300' (3.81 m x 91 m)	3750 ft ² (348 m ²)	379 lbs (172 kg)
40" x 200' (1 m x 61 m)	667 ft ² (62 m ²)	58 lbs (26 kg)