

Technical Information Sheet



SKYSCAPE™ ROOT BARRIER

Item Description	Item Number
Root barrier:	Custom
20 mil: 53" x 136' (1.35 m x 41.45 m)	
53" x 175' (1.35 m x 53.34 m)	
30 mil: 53" x 175' (1.35 m x 53.34 m)	
*Other thicknesses available upon request.	

DESCRIPTION

The SkyScape Root Barrier consists of high-strength film laminated together with a third layer of molten polyethylene with a heavy-duty scrim reinforcement placed between the layers. SkyScape Root Barrier is required for use over all Elevate EPDM, PVC, and asphaltic membranes as a protection to the roofing system from possible plant root intrusion.

METHOD OF APPLICATION

1. Install root barrier continually over finished membrane surface, including all vertical surfaces and projections. Side and end laps should be minimum 4" (102 mm) wide.
2. Extend root barrier on all vertical surfaces at a minimum of 1" (25 mm) higher than the height of the growing media.
3. Using SkyScape Root Barrier Tape, adhere all seams, side laps, and end laps.

STORAGE

- Deliver and store products in original packaging with Manufacturer's labels and materials list intact and signed off.
- Store products in designated weather protected areas, elevated from ground, and protected from environmental damage.

COVERAGE RATE

600 ft² (55.74 m²) per roll

SHELF LIFE

Indefinite

CLEAN-UP

- Gather and dispose all debris upon completion of work.
- Clean all surfaces and inspect final assembly for approval.

LEED® INFORMATION

Post-consumer recycled content: 0%
 Post-industrial recycled content: 0%
 Manufacturing location: Texas

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties		
Property	Value	Test Method
Appearance	Smooth, black	---
Construction	Extrusion Laminated with Scrim Reinforcement	---
Thickness	20 mil (0.508 mm), 30 mil (0.762 mm)	---
Width	6' (1.83 m)	---
Length	100' (30.5 m)	---
1" Tensile Strength	50 lbf/in ² (39.3 N/cm ²)	ASTM D7003
Elongation at Film Break	600%	ASTM D7003
Grab Tensile	78 lbf (347 N)	ASTM D7004
Trapezoid Tear	52 lbf (231 N)	ASTM D4533
Mullen Burst	169 psi (1169 kN/m ²)	ASTM D751
Maximum Use Temperature	180 °F (82 °C)	---
Minimum Use Temperature	-70 °F (-57 °C)	---
WVTR	0.013 g/100in ² /day (0.202 g/m ² /day)	ASTM E96 Procedure B
Perm Rating	0.30 US Perms (17.16 ng/s•m ² •Pa)	ASTM E96 Procedure B
Burning Characteristics	Flame Spread Index: 5; Smoke Developed Value: 75	ASTM E84 Procedure A

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