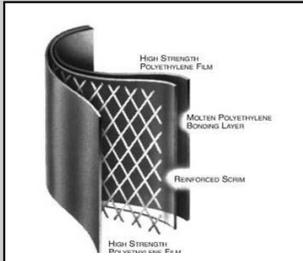


# Technical Information Sheet



## SkyScape™ Root Barrier

### Item Description

Root barrier 6' x 100' (1.83 m x 30.48 m)

## 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.

## Shelf Life

Indefinite

## Coverage Rate

600 ft<sup>2</sup> (55.74 m<sup>2</sup>) per roll

## 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	Translucent, Cream Color	---
Construction	Extrusion Laminated with Scrim Reinforcement	---
Thickness	10 mil (0.25 mm)	---
Width	6' (1.83 m)	---
Length	100' (30.5 m)	---
1" Tensile Strength	50 lbf/in <sup>2</sup> (39.3 N/cm <sup>2</sup> )	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 <sup>2</sup> )	ASTM D751
Maximum Use Temperature	180 °F (82 °C)	---
Minimum Use Temperature	-70 °F (-57 °C)	---
WVTR	0.013 g/100in <sup>2</sup> /day (0.202 g/m <sup>2</sup> /day)	ASTM E96 Procedure B
Perm Rating	0.30 US Perms (17.16 ng/s•m <sup>2</sup> •Pa)	ASTM E96 Procedure B
Burning Characteristics	Flame Spread Index: 5; Smoke Developed Value: 75	ASTM E84 Procedure A

Please contact Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.