



Hydrotech® Root Stop - Standard

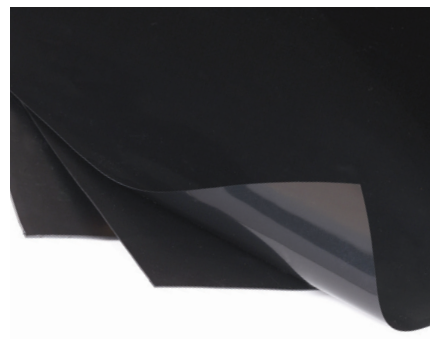
formerly known as Root Stop - Standard

GENERAL DESCRIPTION

Root Stop is a 10 mil, smooth, high quality polyethylene geo-membrane sheeting produced from specially formulated, virgin polyethylene resin.

BASIC USE

Root Stop is designed to be used as a root barrier for Hydrotech® Monolithic Membrane 6125® as part of Hydrotech's Garden Roof® Assembly. Root Stop is especially designed for use in extensive assemblies with herbaceous plants only (no woody plant varieties), lawn applications with no woody plants, and planters with herbaceous plants only. Root Stop is loose laid over Hydroflex® 30, and lapped 5 feet or lapped 2.5 feet with the lap edges taped with Root Stop Tape.



SIZES

Root Stop is available in rolls 15 feet (4.57 m) wide by 100 feet (30.48 m) long for a full roll (950 sq.ft effective coverage with 5 foot laps and 1,218 sq.ft effective coverage with 2.5 foot laps).

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
THICKNESS mils (mm)	ASTM D5199	10 (0.25)
WEIGHT lb/ft ² (kg/m ²)	ASTM D1505	0.05 (0.24)
TENSILE STRENGTH lb/in, avg, (N) Machine & Cross Directions	ASTM E154, Section 9 (D882)	52 (230)
PUNCTURE RESISTANCE lb (kg)	ASTM D1709, Method B	4.85 (2.20)
PERMEANCE Perms (Grains/(ft ² •hr•in•Hg)	ASTM E154 Section 7 E96	0.0146
AFTER CONDITIONING	ASTM E154 Section 8 E96	0.0153
WVTR grain/hr•ft ²	ASTM E96 Procedure B	0.0084

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	0	
Manufacture Location		Sioux Falls, SD
Extraction/Harvesting Location		Sioux Falls, SD

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