

## GRO ROOT BARRIER 12

GRO Root Barrier 12 is a smooth polyethylene geomembrane film that acts as a waterproof seal, protecting green roof soil from moisture loss and redirecting plants roots as needed. For use when a root barrier is required.



MATERIAL	Linear Low Density Polyethylene
DIMENSIONS	14' x 900' ; "C" folded to 6'
THICKNESS & WEIGHT	12 mil & 55 lbs/msf (ASTM D751)
TENSILE STRENGTH	55 lb/in (ASTM E154)
PUNCTURE RESISTANCE	> 1000 Grams (ASTM D1709 -Method B)
WATER VAPOR TRANSMISSION RATE	.0078 G/H*M2 (ASTM E96)
PERMEANCE	0.012 Perms (ASTM D154 - Section 7) (ASTM E96 - Proc. B)
USE TEMPERATURE	-70 <sup>0</sup> F to 180 <sup>0</sup> F (min. to max.)