

# Root Barrier

Root barriers protect the roofing assembly and building from root penetration. It is flexible, durable, and tear-resistant, and it conforms to a variety of surfaces.

Single-sided root barrier tape available for a waterproof seal.

Always overlap by 12" at seams.



## PRODUCT DATA

<b>Material</b>	Polyethylene
<b>Available Thicknesses</b>	RB20: 0.48 mm RB30: 0.72 mm
<b>Roll Size</b>	12.667' x 50' (633 sq ft)
<b>Warranty</b>	5 Years

## TECHNICAL DATA

Properties	RB20	RB30	Test Method
Thickness, Average	0.48 mm	0.72 mm	-
Weight	93.4 lbs/Msf	139.8 lbs/Msf	-
Tensile Strength at Break	96 ppi	144 ppi	ASTM D-6693
Elongation at Break	900%	800%	ASTM D-6693
Tear Resistance	12 lbf	18 lbf	ASTM D-1004
Mullen Burst	110 psi	130 psi	ASTM D-751
Puncture Resistance	40 lbf	60 lbf	ASTM D-4833
Volatile Loss	<1 %	<1 %	ASTM D-1203
Dimensional Stability	<2 %	<2 %	ASTM D-1204
Permeance Rating (grains/ft <sup>2</sup> ·hr·in Hg)	0.041 Perms	0.031 Perms	ASTM E-96
2% Secant Modulus (Max)	30,000 psi	30,000 psi	ASTM D-5323
Hydraulic Conductivity	3.30 x 10 <sup>-10</sup> cm/sec	2.5 x 10 <sup>-10</sup> cm/sec	-

