

# Ram RB 20

## 20 Mil Root Barrier



### Description

RAM RB 20 is a 20-mil polymeric sheet, effectively arrests root penetration and redirect roots to a horizontal growth plane, helping lock in vegetation and increasing resistance to wind up-lift forces.

### Uses

Ram RB 20 direct roots into a horizontal plane away from waterproofing, prevent root damage to the waterproofing membrane and prevent root intrusion into Green Roof and planters application.

### Coverage

773 sq ft

### Application Guidelines

All laps should be a minimum of 12 inches. Turn up minimum 4 inches above finish elevation line at perimeters and projections and temporarily tape to the walls. Tape all seams with Barrett Ram RB 25 Seam Tape. Repair punctures and any other damages before installing drainage mat.



### Properties

Description	Measurement	Test Method
Thickness	20 mils	ASTM D-5119
Weight	9.3 lbs/100 sq. ft. approx	
Tensile Strength at break	96 ppi	ASTM D-6693
Elongation@Break*	900%	ASTM D-6693
Tear Resistance	12 lbs	ASTM D-1004
Puncture Resistance	40 lbs	ASTM D-4833
Oxidation Induction Time	100 min	ASTM D-3895
Carbon Black	2.4%	ASTM D-4218
2% Secant Modulus	30,000 psi (max)	ASTM D-5323
Hydraulic Conductivity	$3.30 \times 10^{-10}$ cm/sec	
Static Use Temperature	Max 180°F Min -70°F	



### Packaging

53"x175'  
76 lbs. per roll  
16 rolls per pallet

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