

## Product Data

# RB-20

20-Mil Root Barrier

Part Number: 01-X-0143



### Description

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

### Uses

RB-20 directs roots into a horizontal plane away from waterproofing, preventing root damage to the waterproofing membrane and preventing root intrusion into Green Roof and planter applications.

### Coverage

773 sq ft

### Application Guidelines

All laps should be a minimum of 6 inches. Turn up minimum 4 inches above finish elevation line at perimeters and projections and temporarily tape to the walls. Tape all seams with KeeneFlash 4". Repair punctures and any other damages before installing drainage mat.

### Properties

Description	Measurement	Test Method
Thickness	20 mils	ASTM D-5119
Weight	76 lbs per roll	
Tensile Strength at break	96 psi	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 x 10 <sup>-10</sup> cm/sec	
Static Use Temperature	Max 180°F Min -70°F	

## Packaging

Product Name	Rolls per Pallet	Weight per Roll		Width per Roll		Length per Roll	
		lb	kg	in	m	ft	m
Ram RB 20	10	76	52.2	53	1.98	175	7.62

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