

Product Data

RB 30

30 Mil Root Barrier



Description

RB 30 is a 30-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

RB 30 direct roots into a horizontal plane away from waterproofing, prevent root damage to the waterproofing membrane and prevent 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 100. Repair punctures and any other damages before installing drainage mat.

Properties

Description	Measurement	Test Method
Thickness	30 mils	ASTM D-5119
Weight	180 lbs per roll	
Tensile Strength at break	144 ppi	ASTM D-6693
Elongation@Break*	900%	ASTM D-6693
Tear Resistance	18 lbs	ASTM D-1004
Puncture Resistance	60 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	2.5 x 10 ⁻¹⁰ cm/sec	
Static Use Temperature	Max 180°F Min -70°F	

Packaging

Product Name	Rolls per Pallet	Weight per Roll		Length per Roll		Width per Roll	
		lb	kg	ft	m	in	m
RB 30	9	135	61.23	100	30.48	78"	1.98

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The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.