

Ram RB 40

40 Mil Root Barrier



Description

Ram RB 40 Root Barrier is a heavy duty, linear polyethylene sheet which has been successfully established as an effective root barrier under severe conditions.

Ram RB 40 Root Barrier contains virgin resins which does not become brittle or age prematurely. A typical carbon black content of 2.4% provides excellent protection from UV exposure and harsh weather conditions. Production is carefully controlled to assure a uniform thickness and the material is electronically tested for ASTM conformance.

Seam taping of all joints reduces workmanship demands and installation time.

Uses

Ram RB 40 is recommended for most intensive vegetated roof systems and semi-aggressive root systems. Ram RB 40 directs root growth away from the waterproofing, prevents root damage to the waterproofing membrane, and prevents root intrusion into Green Roof and planter applications. It is resistant to most construction pedestrian traffic. Ram RB 40 is not appropriate for bamboo and similarly aggressive roots.

Properties

Description	Measurement	Test Method
Thickness	38 mils	ASTM D-5119
Weight	18.66 lbs/100 sq. ft. approx	
Tensile Strength at break	192 ppi	ASTM D-6693
Elongation@Break*	900%	ASTM D-6693
Tear Resistance	24 lbs	ASTM D-1004
Puncture Resistance	80 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	1.9×10^{-10} cm/sec	
Static Use Temperature	Max 180°F Min -70°F	

Application Guidelines

All laps should be a minimum of 12 inches. Turn up minimum 4 inches above finished 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 overburden.

Application Precautions

- Store in dry, protected location
- Do not expose to open flames
- **READ SAFETY DATA SHEET BEFORE USING**
- **FOR PROFESSIONAL CONTRACTORS ONLY**

Packaging

12,667' x 100'
318 lbs. per roll

Coverage

1,267 sq ft

- *Rolls normally ship loose.*
- *Various widths and lengths are available by special order*
- *Available in large fabricated panels up to 30,000 sq/ft. All panels are accordion folder every 5 ft. and rolled tightly.*

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