



Between the World  
and The Weather  
Since 1928

# Greenroof • Roofscapes®

## RAM RB 20 ROOT BARRIER

### PRODUCT DESCRIPTION

The most efficient and least expensive are terms not usually used together. Ram RB 20 is both.

Aggressive root growth can damage the thermal and moisture protection components of greenroof systems. RB 20, a low density polyethylene 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.

Unlike some root barriers containing environmentally questionable chemical solutions which tend to dissolve and dissipate over time, the RB 20 is a life-cycle solution for successful root control.

Quality control includes electronic testing which detects any pin-hole anomalies. Seam taping of all joints reduces workmanship demands and installation time.

### USES

- Direct roots into a horizontal plane away from waterproofing
- Prevent root damage to the waterproofing membrane
- Prevent root intrusion into Greenroof drainage systems

### FEATURES

- Lightweight large roll size
- High tensile strength
- Puncture and tear resistant
- Excellent chemical resistance

### BENEFITS

- Easy installation reduces application time
- Superior durability
- No dangerous chemicals
- No organic content
- Cost effective proven performance

### PACKAGING

Roll Size - 5 ft. x 400 ft.  
Weight - 0.10 lb/sq.ft. (min.)

### PHYSICAL PROPERTIES

Properties	Method	Typical Results
Thickness	ASTM D-751	20 mils
Weight	ASTM D-461	10 lbs/100sq.ft. (min)
Tensile Strength (1")*	ASTM D-638	70 lbf/in. width
Elongation@Break**	ASTM D-882	650%
Tear Resistance*	ASTM D-1004	11 lbf
Trapezoid Tear*	ASTM D-4533	65 lbf
Hydrostatic Resistance	ASTM D-751	100 psi
Color	—	Black

\* Tests are an average of machine and transverse directions

\*\* Elongation can vary

### APPLICATION GUIDELINES

- All laps should be a minimum of 12 inches
- Turn up above finish elevation line at perimeters and tape temporarily
- Tape all seams with RB 25 Root Barrier Seam Tape
- Repair any punctures before installing drainage mat, engineered

### APPLICATION PRECAUTIONS

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

### PRODUCT SAFETY INFORMATION

Ram RB20 Root Barrier offers no unusual health or safety risks for a product of this nature. As with any roofing process, proper ventilation, clothing and eye protection is important.

For specific information, contact the Barrett Company for a current Material Safety Data Sheet on this product.

The user should not assume that all safety measures are indicated or that other measures may not be required.

### Note

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