



Between the World
and The Weather
Since 1928

RAM RB 20 ROOT BARRIER

PRODUCT DESCRIPTION

Ram RB 20 Root Barrier is a low density polyethylene sheet (LLDPE) which has been successfully established as an effective root barrier under most conditions.

Ram RB 20 Root Barrier contains a high-strength resin blend with select recycled material. A typical carbon black content of 2.5% 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.

USES

- Direct root growth away from waterproofing
- Prevent root damage to the waterproofing membrane
- Prevent roots from invading Greenroof drainage systems
- Recommended for protection in extensive systems
- Withstands moderate construction traffic

FEATURES

- Larger roll sizes
- Lightweight
- High tensile strength
- High puncture and tear resistance
- Excellent chemical resistance

BENEFITS

- Easy installation reduces application time
- Superior durability
- Cost effective
- Proven performance

PACKAGING

Roll Size - Various widths and lengths
Weight - 0.10 lb/sq.ft. (4.88 g/m²) (min.)
Rolls per Pallet - Varies depending on roll size
(Contact Barrett for current inventory sizes)

PHYSICAL PROPERTIES

Properties	Method	Typical Results
Thickness	ASTM D-751	20 mils (0.51mm)
Weight (min.)	ASTM D461	10 lbs/100sq.ft. (4.5kg/9.29m ²)
Tensile Strength (1 inch) (25.4mm)*	ASTM D-638	70 lbf/in. (312 N) width
Elongation@Break**	ASTM D-882	650%
Tear Resistance*	ASTM D-1004	11 lbf (49 N)
Trapezoid Tear*	ASTM D-4533	65 lbf (289 N)
Hydrostatic Resistance	ASTM D-751	100 psi (689 kPa)

* Tests are an average of machine direction and transverse directions

** Elongation can vary

APPLICATION GUIDELINES

- All laps should be a minimum of 12 inches (304.8mm)
- Tape joints with Barrett RB25 Root Barrier Seam Tape
- Turn up 8 inches (203mm) at perimeters and tape temporarily
- Repair all punctures before installing overburden

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

Metric conversions are rounded and may not be exact.

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