



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/m<sup>2</sup>) (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 <sup>2</sup> )
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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