



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 blended 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.

Ram RB 20 Root Barrier is well suited for hot-air seam welding.

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. (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 |
| 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 direction and transverse directions

** Elongation can vary

APPLICATION GUIDELINES

- All laps should be a minimum of 12 inches
- Turn up 8 inches at perimeters and tape temporarily
- Hot air seam welding recommended
- 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

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