



Between the World
and The Weather
Since 1928

Ram RB-30H Root Barrier

PRODUCT DESCRIPTION

Ram 30H Root Barrier is a high density polyethylene (HDPE) geomembrane produced from specially formulated, virgin polyethylene resin, designed specifically for flexible geomembrane applications. It contains approximately 97.5% polyethylene, 2.5% carbon black and trace amounts of antioxidants and heat stabilizers; no other additives, fillers or extenders are used.

Ram 30H has outstanding mechanical properties, environmental stress crack resistance, dimensional stability, good chemical resistance and thermal aging characteristics. It has excellent resistance to UV radiation and is suitable for exposed conditions.

USES

- Redirects root growth away from waterproofing
- Prevents root damage to the waterproofing membrane
- Prevent roots from invading Greenroof drainage systems
- Recommended for high-profile, intensive greenroof systems
- More resistance to construction pedestrian traffic damage

FEATURES

- Robust, extra thick protection
- Larger roll sizes
- Lightweight
- High tensile strength
- High puncture and tear resistance
- Wide range of chemical resistance

BENEFITS

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

PACKAGING

Roll Size - 5 ft. wide X 200 ft. length (1000 sq.ft.)
Weight - 0.15 lb/sq.ft.

APPLICATION GUIDELINES

- All laps should be a minimum of 12 inches
- Turn up 8 inches at perimeters and tape
- Tape all seams with Barrett RB25 Seam Tape
- Repair all punctures before installing overburden

PHYSICAL PROPERTIES

Properties	Method	Typical Results*
Density	ASTM D-1505	0.15 lbs/ft ² (0.94 g/cm ³)
Thickness	ASTM D-5199	30 mils (0.75 mm)
Weight (nom.)	ASTM D-461	15.4lbs/100sq.ft.
Tensile Strength	ASTM D-6693 (Type IV)	114 lbf/in. width
Elongation@Break	ASTM D-6693	700%
Tear Resistance	ASTM D-1004	21 lbf (93 N)
Puncture Resistance	ASTM D-4833	54 LB (240 N)
Color	—	Black

* Tests results are an average of typical production

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 RB 30H 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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