



Between the World  
and The Weather  
Since 1928

# RAM RB 40 ROOT BARRIER

## PRODUCT DESCRIPTION

Ram RB 40 Root Barrier is a heavy duty low density polyethylene (LLDPE) sheet which has been successfully established as an effective root barrier under severe conditions.

Ram RB 40 Root Barrier contains virgin resins and does not contain plasticizers which can migrate to the environment, age prematurely and become brittle. 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 40 Root Barrier is well suited for hot-air seam welding.

## USES

- Direct root growth away from waterproofing
- Prevents root damage to the waterproofing membrane
- Prevent roots from invading Greenroof drainage systems
- Recommended in intensive systems
- Resistant to most construction pedestrian traffic

## FEATURES

- Robust extra thick protection
- 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 - 2.1 lb/sq.ft.

Rolls per Pallet - Varies depending on roll size

(Contact Barrett for current inventory sizes)

## PHYSICAL PROPERTIES

Properties	Method	Typical Results*
Thickness	ASTM D-751	40 mils
Weight	ASTM D-461	21lbs/100sq.ft.
Tensile Strength	ASTM D-638	175 lbf/in. width
Elongation@Break**	ASTM D-882	875%
Tear Resistance	ASTM D-1004	26 lbf
Dimensional Stability	ASTM D-1204	<2%
Hydrostatic Resistance	ASTM D-751	250 psi
Color	—	Black

\* Tests results are an average of typical production

\*\* Elongation can vary

## APPLICATION GUIDELINES

- All laps should be 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 RB 40 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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