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and The Weather
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Greenroof • Roofscapes®

RAM RB 25

Root Barrier Seam Tape

PRODUCT DESCRIPTION

Ram RB 25 Root Barrier Seam Tape is an elastomeric single-sided adhesive tape used to seal the seams of Ram RB 20 polyethylene root barrier. The black polymer backing and very aggressive adhesive is specifically formulated to provide maximum performance in a greenroof environment. A poly release liner provides ease of installation.

Plant roots can penetrate the smallest opening, posing a potential risk of disruption to the insulation layer and waterproofing membrane. RB 25 Root Barrier Seam Tape helps assure that aggressive roots stay where they belong and also reduces the amount of root barrier overlap required.

PACKAGING

Roll Size 4 inches X 100 ft.
Rolls per Case 6
Weight per Roll 5 lbs.

INSTALLATION

The performance of the seam tape requires proper surface condition and installation temperature.

The RB20 polyethylene root barrier surface must be dry and free from dust or any substance the could interfere with the adhesion of the tape. If the root barrier has been exposed to construction dirt or dust before the seam tape is installed, the seaming area must be cleaned with a mild detergent, rinsed and allowed to dry completely. Solvent cleaners may damage the root barrier material or leave a residue that adversely affects adhesion.

All laps in the RB 20 Root Barrier shall be 12 inches in preparation for taping the seams.

RB 25 Root Barrier Seam Tape can be cut to length with a utility knife or scissors. Carefully position the tape centered over the seam prior to removing the release liner as it adheres very aggressively and cannot be removed or realigned. When the tape is running true over the seam, remove the release liner and apply to the root barrier surface, avoiding air pockets and "fishmouths". Apply pressure to the surface of the tape with a 4 inch wide hand roller and roll in place.

Cold Weather Installations

When attempting to apply RB 25 Root Barrier Seam Tape at temperatures below 40°F, use a warm air source, such as a hand held heat gun to warm the surface of the root barrier and the tape as it is being installed. Do not subject the root barrier or seam tape to temperatures in excess of 200°F.



PHYSICAL PROPERTIES

PROPERTY	RESULT
Color	Black
Low Temperature Flex	Excellent
Adhesive Thickness	17 mil +/- 2 mil
Backing Thickness	8 mil
Elongation	700%
Tensile Strength	4500 PSI
Peel Adhesion	20lb/inch width (ASTM D-1000)

APPLICATION PRECAUTIONS

- Do not expose to temperatures greater than 200°F
- 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 25 Root Barrier Seam Tape 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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