

Ram RootProtect

Heavy-Duty Polyester Reinforced Granular Rubberized Asphalt Cap Sheet with Root Protection



Coverage

100.5 sq ft

Description

Ram RootProtect is a heavy-duty, rubberized asphalt sheet that is specially formulated with a factory-applied root growth regulator. The sheet is polyester reinforced and has a granular surfacing.

Uses

Ram RootProtect is specifically designed to be embedded into Barrett's RamTough 250 roofing membrane when installed in a Greenroof-Roofscapes® Assembly. Ram RootProtect provides protection to the membrane from mechanical damage as well as damage due to penetration by roots.

Installation

Horizontal Installation

Ram RootProtect is to be rolled out and embedded into the RamTough 250 membrane while the membrane is still warm and aggressively tacky to ensure proper adhesion.

Adjacent sheets must be lapped a minimum of 2 inches. All laps should be "wet lapped" with RamTough 250 or may be torch welded per standard APP modified bitumen torching techniques.

Ram RootProtect should be dressed up all roofing termination points and flashings to provide total root barrier protection to all roofed/flushed surfaces that will be subsequently covered with growing media. Flashing heights > 12 inches may require alternate securement.

Vertical Installation

Ram RootProtect is to be rolled out and embedded into the RamTough 250 membrane while the membrane is still warm and aggressively tacky to ensure proper adhesion. If the RamTough 250 membrane cools to ambient temperature and loses its tack, install a thin layer of RamTough 250 to create additional tack. Alternatively, the root block can also be lightly torched to create additional adhesion on the backside of the granulated cap sheet. Ram RootProtect is then rolled into the newly created tacky surface for a uniform root protect barrier.

Adjacent sheets must be lapped a minimum of 1.5 inches to 3 inches and all laps can be wet lapped with RamTough 250 or torch welded. This process pertains to all vertical wall and footer applications.

Properties

Description	Measurement
Thickness	4 mm/160 mils
Reinforcement	Polyester
Surface	Granular
Tensile Strength (@73°F)	>50 lb/in

NOTE: Granule supply conditions may result in occasional changes in the finished color of the Ram RootProtect surface. This slight color variation will have no impact on the functionality of the product.

For below-grade vertical applications, seams do not need to overlap. Overlapping is only required on above-grade horizontal applications.

This information is intended only for general conceptual purposes. It is based on data and knowledge considered to be true and correct. It is offered for the user's consideration, investigation, and verification and is not intended to substitute for the advice provided by appropriate professionals. Barrett assumes no liability for the use of this information. The determination of the suitability and applicability of this information is the sole responsibility of the user.

LEED® Information

Description	Credit 4	Credit 5
Recycled Content (% by weight)	2 (pi)	
Manufacture Location		Kansas City, MO
Extraction/Harvesting Location		Oklahoma City, OK
VOC Content (g/L)		0



Packaging

39.4"x33.4'
100 lbs. per roll
30 per pallet

LIMITED WARRANTY: Barrett warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Barrett makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to The Barrett Company, LLC. Barrett to replace or to refund the purchase price of the quantity of Barrett proven to be defective, and Barrett shall not be liable for any loss or damage.

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