

GLACIER GUARD™ 200

Smooth Surface Underlayment

DESCRIPTION

Glacier Guard™ 200 underlayment is a 55-mil self-adhering sheet membrane used for protecting roof substrates against water penetration from wind driven rain and water backup caused by ice dams. This membrane is designed for use beneath all EcoStar® roofing systems and most steep-sloped roofing products. The membrane will self-adhere to clean wood, plywood, and metal.

Glacier Guard 200 is composite membrane consisting of fiberglass-reinforced, rubberized asphalt, laminated to an impermeable polyethylene film layer, providing dual-barrier moisture protection. A siliconized release sheet is used to prevent the material from sticking in the roll, and is easily stripped away for installation. The membrane adheres tenaciously to the deck, permanently bonds to itself at the laps and provides a seal around nails or other fasteners that penetrate the deck during installation of the primary roofing material.

INSTALLATION

Surfaces to receive membrane must be dry and free of dirt, dust, oils or other contaminants. Remove old roofing materials (if present) and any nails or other protrusion that could damage the membrane.

Cut membrane into manageable lengths for placement on roof substrate. Carefully align sheet along roof perimeter with the 3" film-covered selvage edge at the top (up slope), then expose a portion of the adhesive and adhere to the deck.

Installation at 50°F or below may require nailing or priming to hold the membrane in place temporarily while adhesion develops.

Remove remaining release liner while adhering membrane to the substrate. Begin at low point of roof and work toward the ridge. All laps should shed water. Overlap seams 3-1/2" minimum and end laps 6" minimum.

ADVANTAGES

Glacier Guard 200 underlayment provides immediate adhesion and a watertight seal-around fasteners. Glacier Guard 200 underlayment has a split-release film for easy handling. Glacier Guard 200 underlayment can be used around chimneys and penetrations as a concealed flashing as well as on ridges and in valleys. Glacier Guard 200 underlayment helps prevent roof leaks on roof slopes as low as 3/12.

LIMITATIONS

Roof deck must be clean, dry and free of debris. Surface must be free of sharp protrusions which could damage the membrane.

Glacier Guard 200 underlayment must be covered with finished roofing material within 30 days. This membrane is not intended for permanent exposure.

PRODUCT SPECIFICATIONS

PRODUCT COMPONENTS				
Surface Membrane	Black Film	Rubberized Asphalt		
PRODUCT CHARACTERISTIC			Units	Results
Length	feet	66		
Width	inches	36		
Weight	lbs.	65		
Coverage/Roll	sq./ft.	200		
PHYSICAL PROPERTIES			Units	Results
Thickness (D-1970)	mil.	55		
Tensile strength (D-412)	lb./in.	25 min.		
Elongation (D-412)	%	10 min.		
Pliability (D-1970)	°F	Pass @ -25		
Moisture Vapor Permeance (E-96)	perms	.03		
Water Absorption (D-1970)	%	.1 max.		
Peel Adhesion (D-1970)	lb./in.	4		
Lap Adhesion (D-1970)	lb./in.	10		
Low Temp Flexibility (D-412)		no cracking/delamination		
PACKAGING INFORMATION				
Rolls per box		1		
Weight per box (w/roll)	lbs.	65		
Boxes (rolls) per pallet		20		
Weight per pallet	lbs.	1350		

APPLICABLE STANDARDS

ICC Approved Report ESR-1556
UL Listed

WARRANTIES

EcoStar warrants this product to be free of defects in workmanship and materials at the time of shipment from EcoStar's factory. EcoStar will at its option either supply new product or refund the purchase price of any product found to be defective hereunder.

EcoStar's limited warranties are the only warranties extended by EcoStar with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. EcoStar specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of EcoStar's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the EcoStar material in question.



P.O. Box 7000 • Carlisle, PA 17013 • Tel: 800-211-7170 • Fax: 888-780-9870 • www.ecostar.carlisle.com

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PRODUCT TECHNICAL DATA