



GG-4100-15 Gard-Lock Roof Underlayment

- Prevent leaks from ice damming
- Ideal protection in valleys, eaves, rake edges, slate and wood shake
- Easy and fast installation
- Self adhesive membrane with release liner

Gard-Lock is a self-adhered underlayment for asphalt shingles, wood shakes, slate and tile roofs. It is designed to seal and protect the roof surface, while also preventing leaks caused by ice damming and wind driven rain. This premium asphalt membrane is reinforced with fiberglass for superior stability and strength. This mineral surface, non-skid finish provides a safe walking surface, while "peel and stick" technology allows for easy installation. Gard-Lock is specifically designed with adhesion promoters to provide better adhesion over a variety of temperature ranges. Apply to all roof areas that are prone to leaks.

Typical Performance Characteristics	
Size	36" x 50'
Area	1.5 Squares
Thickness (ASTM D1970)	> 40 mils
Maximum Load, MD/CD (ASTM D1970)	> 50 lbf/in
Elongation at break (ASTM D1970)	> 10%
Tear Resistance, MD/CD (ASTM D1970)	> 60 lbf/in
Moisture Vapor Permeability (ASTM E96)	0.05 perms
Adhesion to Plywood @40F (ASTM 1970)	> 6 lbf
Adhesion to Plywood @75 (ASTM D1970)	> 14 lbf
Sealability around nail (ASTM D1970)	Pass
Waterproof Integrity after low temp. flexibility	Pass
Waterproof integrity of lap seam (ASTM D1970)	Pass
Slip Resistance (ASTM D1970)	Pass
Low Temperature Flexibility (ASTM D1970)	Pass
Self Sealability (ASTM D1970)	Pass

Caution: Always use personal fall protection devices and follow procedures in accordance with OSHA and local regulatory requirements. Use safety equipment such as tie-offs, safety lines, body harnesses, toe boards and ladders. Never walk on underlayments that have not been fully adhered or nailed down. Dusty, damp or wet conditions as well as certain shoes can result in slippery surfaces and create a fall hazard. Always be cognizant of where you are in relation to your surroundings, including but not limited to: the edge of the roof, any projections, skylights and any other objects which could cause you to slip or fall. Falling from a roof can result in serious harm or death.

Prep: Clean the roof deck. Remove any dust, dirt, loose nails or any other protrusions from the roof deck. Cut sheet to a suitable, workable length prior to placement. Always start at the lowest part of the roof deck and work up the slope.

Application: Align sheet with the lower edge of the roof, with the sheet extending over ¼". Remove top half of release film from the sheet, apply firm even pressure from the center to the outer edges. Remove the release film from the remaining half of the sheet applying firm even pressure. Install the next course as before ensuring end laps overlap 6", and side laps overlap 3". Ensure the sheet covers the highest point of "ice damming," see local building codes.

Ventilation: This product is designed to be an air, water and vapor barrier and will retard the flow of moisture vapors when applied over the entire roof deck. In this application, ensure the roof and attic are properly vented. Lack of ventilation can result in trapped moisture resulting in deck deterioration or formation of mold. Always consult a design professional to address potential moisture entrapment and condensation issues. This can be in the form of ridge vents, solar / power vents, continuous ceiling vapor barrier or other ventilation products. Proper ventilation will help alleviate these concerns. In hot and arid climates, heat build-up can result in drying, cracking and premature aging of roofing materials and therefore venting is also required in hot climates.

Other key application points:

- Where back-nailing is required, be sure that all nails are covered by the overlapping next sheet.
- After application, roll entire membrane surface to ensure best adhesion. Roller weight shall be 70 lb. for low slope and 28 lb. for steep slope.
- Priming is not required for clean and dry roof decks. On areas where a primer is preferred, or on concrete and masonry deck surfaces, apply an asphalt primer meeting ASTM D41 standards.
- Apply when material and surface temperatures are 40 °F and rising. Product will roll and adhere easier as temperatures warm.

Compliance and Applicable Standards: ASTM D1970 & AC48, Florida Building Code

Warranty And Disclaimer: Gardner-Gibson, Inc. warrants this product to give satisfactory results when our directions are followed in its use and application, for a period of 12 months from the date of purchase. In no event however shall the manufacturer be liable for an amount in excess of the purchase price of the product used. If not completely satisfied, return to place of purchase for a refund.

AVAILABLE SIZES						
PRODUCT CODE	UNIT SIZE	UNIT DIMENSIONS	FILL LEVEL	UNIT WEIGHT	PACK	UPC
GG-4100-15	1 Roll	36" x 50'	1.5 Sqrs.	52.50 lbs.	24/Pallet	027134041006

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