



LionGUARD 15

SYNTHETIC ROOFING UNDERLAYMENT

15 lb Felt Replacement

INSTALLATION GUIDELINES

CODE AND STANDARD COMPLIANCE

- **ASTM D 226 Type II:**
Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
- **CSA A 123.3-98:**
Asphalt Saturated Organic Roofing Felt
- **Florida Building Code - HVHZ (Pending)**

BEFORE INSTALLING LionGUARD 15

Ensure the roof deck or substrate is properly fastened, has no significant delamination, warpage, bowing or separation from the rafters, trusses or support structures and is free of debris, clean and smooth before the underlayment is applied.

LionGUARD 15 shall be installed using compatible materials and conform to best building practices. Verify the application is compliant with applicable building codes.

LionGUARD 15 is not designed or intended to be the final or primary roof. Consult with your local sales representative for further information.

As with all roofing materials, always observe safe roofing practices (OSHA) and local building and safety codes. Use caution when walking or standing on **LionGUARD 15**. Moisture, dust, snow, ice, debris and other jobsite conditions may change the coefficient of friction of **LionGUARD 15**. Failure to use proper safety equipment and footwear can result in serious injury or death.

INSTALLATION - GENERAL

LionGUARD 15 is designed for use under asphalt shingles and must be covered within 30 days of installation.

Fastening methods and materials should conform to best building practices and local jobsite conditions. Verify final application to be compliant with the requirements of applicable building codes.

Verify compatibility according to geographical region, structure type and roof specification with applicable building codes and/or by review of a building professional

Install **LionGUARD 15** print side up, horizontal (parallel) to the eave, with minimum 3 inch (76 mm) horizontal laps and 6 inch (152 mm) vertical laps. Overlaps shall run with the flow of water in a shingling fashion.

Minimum finished roof slope is 2:12 (17%). For roof slopes greater than 2:12 (17%) and less than 4:12 (33%), laps shall be increased to 22 inches (560 mm).

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In jurisdictions where the use of LionGUARD 15 in valley applications is permitted by local building codes, Nemeon recommends that LionGUARD 15 be applied as a valley liner in accordance with applicable building codes and industry standards/guidelines. Woven or closed-cut valleys are not recommended.

24-HOUR EXPOSURE

Fasteners shall be installed at the printed fastening marks labeled "Always Fasten" with either corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches or plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

EXTENDED EXPOSURE (Up to 30 Days)

Fasteners shall be installed at the printed fastening marks labeled "Always Fasten" with either corrosive-resistant roofing nails with a minimum head diameter of 3/8 inches or plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven.

FOR ALL ROOF SLOPES GREATER THAN 7:12 (58%)

Fasteners shall be installed at the printed fastening marks labeled "Always Fasten" and "> 24 Hours" with plastic capped roofing nails with a minimum plastic cap diameter of 1-inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven. Installation of the final roof covering must be completed within 24 hours of the installation of LionGUARD 15.

Applications that are not immediately covered (within 24 hours) by the primary roof covering or are subject to basic wind speeds (fastest mile) in excess of 90 miles per hour (145 km/hour, Uniform Building Code) or basic wind speeds (3-second gust) in excess of 110 miles per hour (177 km/hour, International Residential Code and International Building Code) shall be fastened at the printed fastening marks labeled "Always Fasten" and ">24 Hours" with plastic capped roofing nails or staples with a minimum plastic cap diameter of 1 inch. Fasteners shall be 90° to the roof deck and shall not be under or over driven. Additionally, it is recommended that pressure sensitive seam tape, caulk or sealant material be applied between laps before fastening to prevent moisture ingress in areas of high wind.

In all applications, extend LionGUARD 15 one-inch past gable/rake edge, turn down over edge, fasten approximately 4-inches on center and cover with code-compliant flashing prior to the installation of the final roof covering.

REPAIRS

Repair damage to the underlayment with caulk or sealant material maintaining a water-tight seal around the damaged area and proper overlaps to run with the flow of water in a shingling fashion. Ensure any incorrectly applied fasteners are caulked and/or sealed to prevent possible moisture ingress.

PRECAUTIONS

LionGUARD 15 can be exposed to ultraviolet conditions for up to 30 days. Severe weather and/or local jobsite conditions may require a shorter exposure period. Please contact Nemeon for further information.

LionGUARD 15 is not designed to function as the primary roof covering and is intended to function as a secondary water shedding layer under asphalt shingles.

Verify final application to be compliant with applicable building codes.

A 10-YEAR LIMITED WARRANTY APPLIES TO LionGUARD 15. NO OTHER WARRANTY, EXPRESS OR IMPLIED, IS GIVEN AS TO THE MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE FOR APPLICATIONS OUTSIDE THE SCOPE OF THESE INSTALLATION GUIDELINES AND THE PUBLISHED 10-YEAR LIMITED WARRANTY.

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