



INSTALLATION INSTRUCTIONS

VIKING BARRIERS SHIELD AND ARMOR SYNTHETIC ROOFING UNDERLAYMENTS SHOULD BE APPLIED USING INSTALLATION INSTRUCTIONS TO ENSURE PROPER PERFORMANCE.

PERSONAL PROTECTION AND SAFETY EQUIPMENT

Always observe and follow safe roofing practices as well as OSHA and local safety requirements. It is suggested by VIKING BARRIERS to use a protective safety harness and wear anti-slip roofing shoes when working on roofs. Failure to use appropriate safety equipment can result in serious injury. Use extreme caution when applying or walking on VIKING BARRIERS underlayment in wet conditions.

SURFACE PREPARATION

Apply VIKING BARRIERS underlayment to a properly prepared acceptable surface that is dry and clean of debris, protruding nails and compromised deck boards. Acceptable roof deck materials are typically 3/8" plywood or minimum 7/16" OSB. Roofers should confirm the local code requirements for deck materials. It is critical that compromised or damaged deck material be replaced in accordance with local building code.

FASTENERS

VIKING BARRIERS underlayment must be attached to the roof deck using plastic, steel or tin cap fasteners having a MINIMUM 1" diameter cap. The use of staples without caps as a method for application of VIKING BARRIERS materials is NOT recommended.

Cap nail or cap staple fasteners should be properly driven into the surface of the roofing underlayment so that caps have positive pressure against the underlayment material.

Consult local and state building codes to confirm requirements of allowable fasteners and nailing patterns.

CUTTING

Always use scissors, a sharp straight blade knife or a sharp hook blade knife when cutting VIKING BARRIERS underlayment.

USE EXTREME CAUTION when applying VIKING BARRIERS underlayment under non-asphaltic roofing materials such as slate, tile or metal, as these materials are known to have sharp edges which can cause damage to underlayment during installation.

LAP REQUIREMENTS

SLOPES 4:12 OR GREATER

- Overlap 6" at the side lap and extend VIKING BARRIERS underlayment 6" over the preceding course. Use alignment lines printed on the material to assist with installation.
- Overlap 6" on the end lap. A minimum of 6" overlap should be used and be offset from the adjacent end laps by a minimum of 4". An overlap of 6" should be used on both sides of valleys, hips and ridges.
- Underlayment should be rolled flat onto roof with minimum wrinkles to ensure proper protection.

SLOPES 2:12 TO LESS THAN 4:12

- Overlap 12" at the side lap and extend VIKING BARRIERS underlayment 12" over the preceding course. Overlap 12" on the end lap and on both sides of valleys, hips and ridges.
- Overlap 12" on the end lap and offset from adjacent end lap by a minimum of 6".
- Underlayment should be rolled flat onto roof with minimum wrinkles to ensure proper protection.

FASTENING

- Viking Barriers material is printed with a nailing guide (bold black circles) to meet multiple state, city and county guidelines. The bold black circles are only a guide and are not manufacturer required fastening locations. Consult local state, county and city codes for mandated fastener installation requirements.

VIKING BARRIERS WARRANTY INSTALLATION INSTRUCTIONS

- The top and bottom edges of the underlayment must be fastened with a minimum 12" OC nailing pattern
- The middle of the underlayment must be fastened with a minimum 24" OC nailing pattern.
- A 6" OC fastening pattern is required for all laps.

HIGH-WIND ZONES / COASTAL AREAS

In high-wind zones laps and fastening patterns should be installed in accordance with local building codes. Please consult your local building inspector to confirm requirements.

PRECAUTIONS AND LIMITATIONS

- Always use fall protection equipment or devices when working on a roof deck.
- SLIPGUARD™ construction offers superior grip during normal conditions, but does not provide traction on roofs exposed to moisture (such as rain or dew), frost, debris or dust.
- Confirm with tile or metal roof manufacturers as to whether special installation or materials for underlayment are required.
- Underlayment should be pulled taut and not stretched during installation.
- Underlayment that is damaged (cut, torn, etc.) during installation should be repaired prior to installation of shingles, tiles, or metal.