

Summit[®]

Synthetic Underlayment

PRODUCT INFORMATION

Summit[®] is a lightweight synthetic roof underlayment designed as an alternative to #15 asphalt-saturated felt. It features a woven polymeric scrim for increased strength and reduced slippage between underlayment and the roof sheathing. A textured top surface fabric improves walkability during installation. Summit[®] can be mechanically fastened to various substrates, making it an excellent underlayment for new and re-roofing applications.

Summit[®] is offered in 10-square rolls, providing more coverage per roll than traditional felt. It is manufactured with pre-printed lay lines for easy installation and offers 180-day resistance to UV breakdown.

Summit[®] is designed to enhance the life of the roof and qualifies as an Atlas Signature Select[®] System Component.

TECHNICAL DATA

Property	Test Method	Specification
Mil Thickness	—	6 Mil
Tensile Strength	ASTM D228 & D146	Pass
Thermal / UV Stability	Thermal Stabilizers	Yes
Pliability	ASTM D228	Pass
Permeability	ASTM E96	0.06 Perms
Meets Performance Characteristics	ASTM D4869 & D226	Pass
Pliability	ASTM D228	Pass
Tear Strength	ASTM D228 & D1922	Pass
Liquid Water Transmission	ASTM D4869	Pass
Dimensional Stability	ASTM D1087	Pass
Temperature Range	—	-40° to 240°

DIMENSIONS

Product	Roll (ft ²)	Roll Size	Rolls Per Pallet
Summit [®] (10 Sq)	1000	48" x 250'	64

FEATURES:

- 180-day exposure to UV
- Slip-resistant polymer applied to the bottom surface
- Non-woven top surface for improved walkability
- Will not support mold growth or rot
- Won't buckle, warp, or crack
- Water-resistant
- Temperature performance -40°F to 240°F

CODES & COMPLIANCES

- ASTM 8257, Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing
- AC 207, UV Exposure for 180 Days
- AC 207, Accelerated Aging
- ASTM E108, Fire Resistance as a Prepared Roofing Accessory
- ASTM D6757, Inorganic Shingle Underlayment Standard
- Florida Building Code Approved
- Miami-Dade County Product Control Approved



Signature Select[®]
System Eligible



GENERAL INSTRUCTIONS

Synthetic Underlayment shall be applied to properly ventilated, building code-approved roof decks. Before getting started, be sure the roof deck is clean, solid, properly fastened, and free of voids and/or damages.

Begin by unrolling the underlayment from left to right, noting that the printed side should be facing up for installation.

Plastic cap fasteners, with a 1" minimum length and 1" minimum cap diameter, must be used to secure properly. To secure, follow along the indicated fastener placement lines at the top and bottom to space fasteners at 12" O.C. horizontally.

When more than one piece is required to continue a course, overlapping is necessary. The fasteners should be placed 2" in from the edge of the top and bottom laps. The end overlaps should be 12" minimum and fastened vertically at 12" O.C., staying 2" in from the end of the top. The underlayment must be lapped over the hips and ridges a minimum of 6" (152 mm).

The plastic cap fasteners should be driven tightly into the surface of the underlayment, being careful not to cut into the sheet. If any damage to the underlayment occurs, it must be repaired before continuing on to the next step. Asphalt adhesives may be used at this point to supplementally seal joints, flashings, and laps.

For best results, the underlayment should be extended at least 12" past all hips and valley. In Florida, the underlayment should be applied in a double coverage method. Here, the overlap of each installed course should be 24". It is acceptable to drive the fasteners through both layers to secure. Always follow the **most current Florida Building Code for all best practices of installation.**

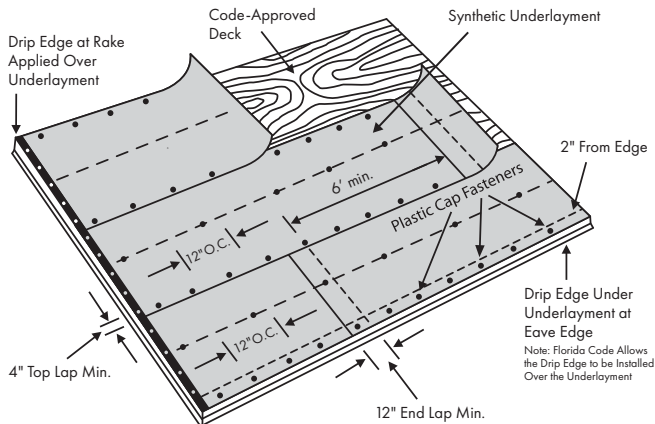
DOUBLE COVERAGE APPLICATION

Two layers of ASTM D8257 underlayment shall be installed as follows: Apply a strip of underlayment for the first course that is half the width (24") of a full sheet (48") parallel to and starting at the eaves, fastened sufficiently to hold in place. Starting at the eave, apply a full sheet of underlayment, for the second course. Apply the third course of underlayment overlapping the second course half the width of a full sheet plus 2 inches (51 mm). Overlap all successive courses half the width of a full sheet plus 1 inch (25 mm). End laps shall be 6 inches (152 mm) and shall be offset by 6 feet (1829 mm). Underlayment shall be attached to a nailable deck with corrosion-resistant fasteners with a maximum fastener spacing, measured horizontally and vertically, of 12 inches (305 mm) on center between side laps, and one row at the end and side laps fastened 6 inches (152 mm) on center. Metal caps are required where the ultimate design wind speed, Vult, equals or exceeds 170 mph.

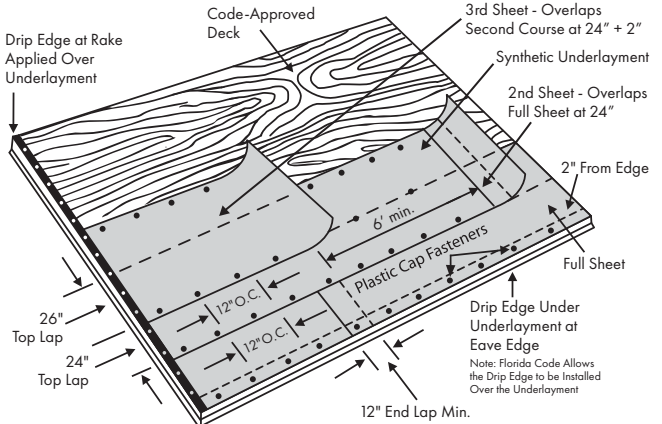
CAUTION

Learn and observe safe roofing practices according to OSHA and local building code requirements. Always use caution when walking on sloped roof decks and Summit® underlayment. Do not walk on unsecured underlayment or any other loose roofing material lying on sloped roof decks. Dust, dew, water, or debris create unsafe conditions on the roof. The presence of any foreign matter may drastically change the coefficient of friction (traction) on Summit® or any other material on a sloped roof deck. Failure to use proper safety equipment and footwear can result in serious injury or even death.

STANDARD FIELD APPLICATION



DOUBLE COVERAGE FIELD APPLICATION



Sales Offices

Ardmore, OK
Tel: (800) 261-2852

Franklin, OH
Tel: (800) 260-2852

Meridian, MS
Tel: (800) 933-2721

Daingerfield, TX
Tel: (800) 270-2852

Hampton, GA
Tel: (800) 251-2852

Corporate Sales & Marketing
2000 RiverEdge Parkway, Suite 800
Atlanta, Georgia 30328



Atlas offers homeowners increased coverage of their Premium Protection Period on any Atlas Signature Select® Roofing System. This product qualifies for use in the Atlas Signature Select® Roofing System when used in combination with other qualifying Atlas products. For more information, please visit: AtlasRoofing.com/Signature-Select.

