



Data Sheet

Product Information

Summit® 60 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® 60 can be mechanically fastened to various substrates, making it an excellent underlayment for both new and re-roofing applications.

Summit® 60 is offered in 10-square rolls providing more coverage per roll than traditional felt. It is manufactured with pre-printed layup lines for easy installation and offers 60-day resistance to UV breakdown.

Summit® 60 is designed to enhance the life of the roof and qualifies as an Atlas Signature Select® Roofing 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 220°

Dimensions

Product	Roll (ft²)	Roll Size	Rolls Per Pallet
Summit® 60 (10 Sq)	1000	48" x 250'	56

Features:

- Meets performance characteristics ASTM D4869 and ASTM D226 standards
- Meets ASTM 6757
- 60-day exposure to UV
- Slip-resistant polymer applied to the bottom surface
- Non-woven face 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 D6757, Inorganic Shingle Underlayment Standard
- Performance Characteristics Exceed - ASTM D4869, Type I, Type II, Type III, Type IV, (Standard Specification For Asphalt Saturated Felt), ASTM D226 Type I & Type II
- UL Classified as a Prepared Roofing Accessory
- Florida Building Code Approved - FL 21350



General Instructions

Summit® 60 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 Summit® 60 properly. To secure, follow along the indicated fastener placement lines at the top and bottom to space fasteners at 6" O.C. horizontally. Then, follow along the indicated center lines to space fasteners at 12" O.C.

When more than one piece is required to continue a course, overlapping is necessary. The overlaps at the top and bottom should be a minimum of 4". 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 layer.

The plastic cap fasteners should be driven tightly in the surface of the Summit® 60, being careful not to cut into the sheet. If any damage to Summit® 60 occurs, it must be repaired before continuing on to the next step. ASTM-approved peel-and-stick flashing tape (or equivalent) can be used to repair seams, joints, and tears. Cold-applied adhesives may be used at this point to supplement seal joints, flashings, and overlaps.

For best results, Summit® 60 should be extended at least 12" past all hips and valleys. If Summit® 60 is being installed on decks with less than 4 in 12 slopes, it should be applied in a double coverage method. Here, the overlap of each installed course should be 24", rather than the normal 4". It is acceptable to drive the fasteners through both layers to secure.

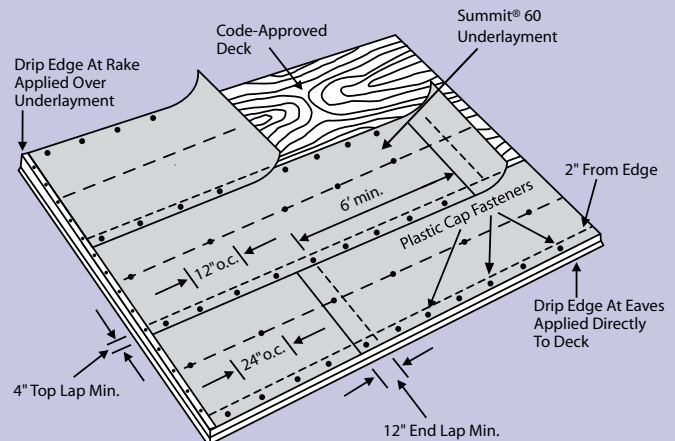
Always follow the ARMA (Asphalt Roof Manufacturing Association) recommendations for installing shingle underlayments and flashings for best roofing practices.

Note: If local building code or jurisdiction requires the use of metal cap fasteners in lieu of plastic cap fasteners, clear latex sealant must be added to the underside of every metal cap and nail head if the roof needs to be kept watertight during installation. Examples where complete water tightness may not be a primary concern are new construction with unfinished interiors or re-roofing applications where the final roof covering is installed immediately. Product tears, leaks, or any other product performance issues due to the use of metal/tin cap fasteners is not covered under the product warranty.

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® 60 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® 60 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.

Summit® 60 Field Application



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