

SUMMIT[®]

Synthetic Underlayment



DATA SHEET

WHY WOULD THE WORLD'S LARGEST SATURATED FELT UNDERLAYMENT MANUFACTURER INTRODUCE A SYNTHETIC PRODUCT?

Simply put, there are many roofing installation needs where even the best #30 Saturated Felt in the world is not designed for the long exposure and toughness requirements provided by a synthetic woven fabric product such as SUMMIT[®]. Saturated Felt will always be the most common underlayment product for use when the job is being dried in immediately and no special performance needs are being considered. However, many jobs have a long open time from the dry-in to the roof covering being installed and do need a tougher product, or the owner simply has the desire to use a premium product. That's why Atlas is offering SUMMIT[®]!

SUMMIT[®] is constructed of a light weight, extremely strong, woven polypropylene fabric, with UV and water resistive coatings and packaged for convenience in 10 square rolls weighing less than 30 lbs. each. SUMMIT[®] is unaffected by exposure to water and sunlight for at least 6 months - exactly what is needed to survive those special needs jobs.

SUMMIT[®] SYNTHETIC UNDERLAYMENT

An inorganic, high strength woven fabric based roof system component appropriate for use in virtually all steep slope roof covering systems. SUMMIT[®] is fully compatible with asphalt shingles, metal roof coverings, Clay Tile, Slate, Concrete Tiles, Wood Shingles and Shakes or any other code approved, steep slope roof covering. The UL Classification demonstrates conformance to critical fire testing requirements. SUMMIT[®] is designed to provide for the lifetime need of an underlayment, offering water-shedding redundancy within the roof system while protecting the structure from water damage.



CODES & COMPLIANCES

- AC 207, Ultraviolet Exposure for 6 months
- AC 207, Accelerated Aging
- ASTM D 108, Fire Resistance
- ASTM D 6757, Inorganic shingle underlayment standard
- Performance characteristics exceed - ASTM D 4869, Type I, Type II, Type III, Type IV, (Standard specification for asphalt saturated felt), ASTM D 226 Type I & Type II
- UL 790, Fire resistance
- UL Classified as a Prepared Roofing Accessory
- Atlas Signature Select - system component
- Florida Building Code Approved - FL 11915
- Miami-Dade County Product Control Approved

MIAMI-DADE COUNTY
APPROVED

TECHNICAL INFORMATION

	Coverage w/ 4" Lap	Roll Size	Material Per Roll
SUMMIT [®]	917 sq. ft.	48" x 250'	1000 sq. ft.

FEATURES:

- High tear strength
- 6-month min. UV resistance
- 100% recyclable
- Inorganic construction
- Assumes shingle warranty
- High coefficient of friction
- High tear strength
- Printed lay-up lines
- High burst strength
- 10 sq. roll size
- < 30 lbs. per roll
- High temperature rating
- Available at all Atlas plants

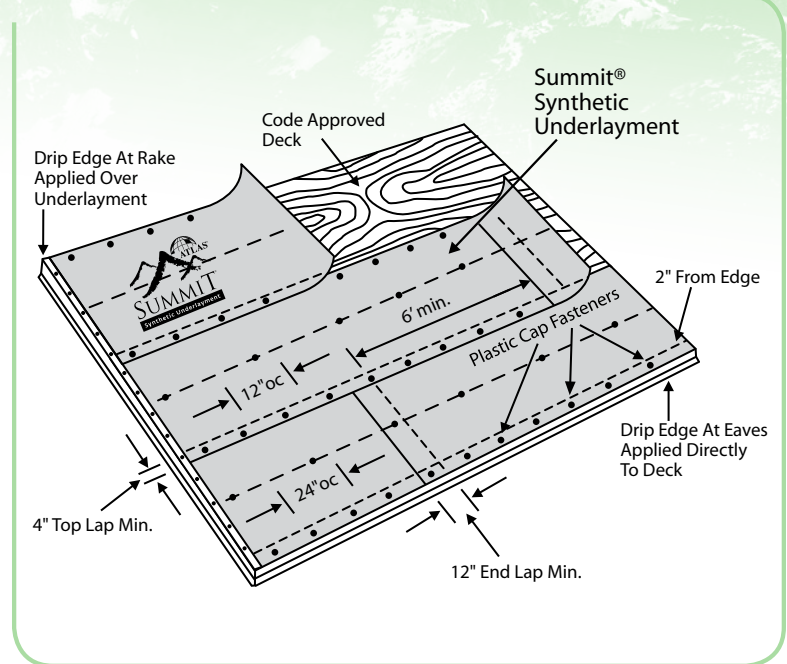
BENEFITS:

- Safer to walk on, holds fasteners
- Maintains integrity of performance
- Eco-friendly
- Does not absorb water
- Warranty matches Atlas shingle term
- Good walking traction
- Resists high wind blow-offs
- Easy alignment on roof
- Resists fastener pull through
- More coverage, less labor
- Easier and safer to handle
- Good to 300° F
- Available 1 pallet at a time with Atlas top load

SUMMIT® INSTALLATION INSTRUCTIONS

- SUMMIT® must be installed on code approved roof decks, which are properly ventilated according to all applicable building codes.
- The roof deck must be clean, solid, properly fastened and free of voids and or damage.
- SUMMIT® must be installed printed side up – unroll left to right.
- Plastic cap fasteners must be used to secure SUMMIT® properly. The plastic cap fasteners should be a minimum of 1" in length and have caps of min. 1" in diameter.
- The plastic cap fastener spacing should be at 12" oc. horizontally along the indicated fastener placement lines at the top and bottom, and at 24" oc. in the center lines printed on the sheet.
- Top and bottom overlaps should be 4" minimum as indicated by the lay-up/fastener lines printed on the sheet.
- Place the fasteners 2" in from the edges of the top and bottom laps.
- End overlaps should be 12" minimum and fastened at 12" oc., vertically along the overlaps at 2" in from the end of the top layer.
- The plastic cap fasteners should be driven tight to the surface of the SUMMIT® without cutting into the sheet.
- Repair all damage to SUMMIT® before proceeding. For seams, joints or tears, repairs may be made using Atlas' WRB peel and stick flashing tape or equivalent. Asphalt adhesives may also be used to seal joints, flashings and laps.
- SUMMIT® should be extended at least 12" past all hips and valleys.
- SUMMIT® installed on less than 4:12 slopes should be applied in a double coverage method. (Overlapping each installed course by 24" rather than the normal 4".)
- Fastening can be through both layers.
- Follow the ARMA (Asphalt Roof Manufacturing Assn.) recommendations for installing shingle underlayments and flashings for best roofing practices.

DIAGRAM 1



CAUTION

Always 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® underlayments. Do not walk on unsecured Summit or any other loose roofing material lying on sloped roof decks. Dust, dew, water, or debris creates 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 always use proper safety equipment and footwear can result in serious injury or even death.

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Made in U.S.A.



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: www.AtlasSignatureSelect.com