



HIGH TEMPERATURES

Advanced Waterproofing Underlayment

Product Use: WinterGuard™ HT (High Tack, High Temperature) is an advanced waterproofing underlayment for shingle, metal, slate and tile roofs. It is specially formulated to resist high roof temperatures under metal roofs.

Product Composition and Features: WinterGuard HT has a tough, tear-resistant film on its top surface that will not scratch roofing metal applied over it. The adhesive bottom surface of WinterGuard HT is protected with a disposable silicone-coated release film, which is split longitudinally down the middle for easier application.

Applicable Standards: WinterGuard HT underlayment is manufactured on state-of-the-art, dedicated roof lines. WinterGuard HT meets or exceeds ASTM D 1970; UL 790: Classified for use as underlayment beneath Class A, B, or C fire rated shingle systems; and ICC/SBCCI ER-2024B. It can be applied beneath metal to acceptable decks with slopes of 0.5"/12" or greater and is specially designed to withstand temperatures up to 250°F.

Storage: Store WinterGuard HT rolls in their packaging in a dry, protected area at a temperature not exceeding 110°F.

Low Slope Shingle, Metal, Slate or Tile Application:

WinterGuard HT can be applied under these roofing materials to provide protection against the infiltration of wind-driven rain on low slope applications.

Technical Data:	Description	HT film (short)	HT film
	Roll area (sq. ft.)	97.5	195
	Roll length (ft.)	32.5	65
	Roll width (ft.)	3	3

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CertainTeed
COMMERCIAL ROOFING SYSTEMS

Certain Teed Corporation – Technical Data Sheet
 WINTERGUARD™ WATERPROOFING UNDERLAYMENTS
 WinterGuard™ HT Waterproofing Underlayment
 WinterGuard™ Sand Waterproofing Shingle Underlayment
 WinterGuard™ Granular Waterproofing Shingle Underlayment



NOTE: Reference to “WinterGuard” without specific referenced to HT, Sand or Granular relates to all three products.

MANUFACTURER

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PRODUCT INFORMATION

WinterGuard products are most commonly used in critical areas such as roof eaves, valleys, and as a waterproofing underlayment for low-slope shingle, metal, slate, and tile roofing applications. WinterGuard HT (High Tack, High Temperature) is an advanced waterproofing underlayment for shingle, metal, slate and tile roofs. It is specially formulated to resist high roof temperatures under metal roofs. WinterGuard Sand and Granular underlayments are designed for use on roof decks as a waterproofing barrier beneath shingle, slate and tile roofs to prevent leakage due to water back-up from ice dams or wind-driven rain.

Limitations:

- Do not expose WinterGuard permanently to sunlight. Cover WinterGuard as soon as possible with a permanent roof surface. The maximum exposure time is three months.
- WinterGuard will not adhere to wet or cold surfaces. Refer to instructions on the carton for additional nailing and sealing instructions.
- Do not apply WinterGuard over shingles or underlayment of any sort.
- WinterGuard is a vapor barrier. Therefore, if WinterGuard is applied over a majority of the roof deck, proper deck ventilation must be provided.
- If WinterGuard must contact sealants or cements, use solvent-based products sparingly, following manufacturer’s instructions carefully. Excessive use of solvent-based adhesives can damage WinterGuard’s polymer modified asphalt coating. Do not use silicone-based sealants, as they do not maintain adequate long-term adhesion to asphalt.
- Low-slope application: Winterguard HT can be applied beneath shingles, slate and tile to acceptable decks with slopes of 2”/12” or greater and beneath metal to acceptable decks with slopes of 0.5”/12” or greater. WinterGuard Sand and Granular products can be applied beneath shingles, slate and tile to acceptable roof decks with slopes of 2”/12” or greater. See grid below for minimum allowable slopes.
- WinterGuard HT is specially designed to withstand temperatures up to 250 degrees Fahrenheit.
- WinterGuard may become slippery under certain weather conditions. When this occurs, avoid walking or crawling on the product.

WINTERGUARD - MINIMUM ALLOWABLE APPLICATION SLOPES

Applied Beneath	WinterGuard HT	WinterGuard Sand	WinterGuard Granular
SHINGLES	2”/12”	2”/12”	2”/12”
METAL	.05”/12	Not Recommended	Not Recommended
TILE	2”/12”	2”/12”	2”/12”
SLATE	2”/12”	2”/12”	2”/12”

Product Composition:

WinterGuard is a self-adhering waterproofing membrane composed of a tough reinforcement that is impregnated and coated with rubberized asphalt. WinterGuard is available in three finishes: sand, granular, and film. WinterGuard Sand and Granular have top surfaces consisting of mineral matter (sand or granules) to enhance traction during