

WinterGuard® Sand Waterproofing Shingle Underlayment, WinterGuard® Granular Waterproofing Shingle Underlayment

NOTE: Reference to WinterGuard® without specific reference relates to both Sand and Granular products.

PRODUCT INFORMATION

WinterGuard® Sand and WinterGuard® Granular underlayments are most commonly used in critical areas such as roof eaves, valleys, and as a waterproofing underlayment for low-slope shingle, slate, and mechanically-fastened tile roofing applications. 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 six (6) months.
- WinterGuard will not adhere to wet or cold surfaces. For cold weather tack down, use only roofing nails. Under no circumstances should staples be used with WinterGuard products. 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.
- WinterGuard Sand and Granular products can be applied beneath shingles, slate and mechanically-fastened tile to acceptable roof decks.
- WinterGuard may become slippery under certain weather conditions. When this occurs, avoid walking or crawling on the product.

WINTERGUARD – MINIMUM ALLOWABLE APPLICATION SLOPE IS 2:12.

Product Composition:

WinterGuard is a self-adhering waterproofing membrane composed of a tough reinforcement that is impregnated and coated with SBS-modified asphalt. WinterGuard Sand and Granular have top surfaces consisting of mineral matter (sand or granules) to enhance traction during application. The adhesive bottom surface of all WinterGuard products is protected with a disposable silicone-coated release film, which is split longitudinally down the middle for easier application.

Applicable Standards (WinterGuard Sand, WinterGuard Granular):

ICC-ES ESR-1492

ASTM D 1970

Florida Product Approval # FL 11288

CSA A123.22

Miami-Dade Product Control Approved

UL 790: Classified for use as underlayment beneath Class A, B, or C fire rated asphalt shingles

Technical Data Sheet

WinterGuard Sand and Granular

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WinterGuard Products by Surface Finish

PHYSICAL DATA

	Sand (short)	Sand	Granular
Roll Area (sq.ft.)	97.5	195	195
Roll Length (ft.)	32.5	65	65
Roll Width (ft.)	3	3	3
Thickness (mils. typical)	60	60	60
Side Laps (in.)	6	6	4
End Laps (in.)	6	6	6
Shipping Weight (approx. lb/roll)	34	66.4	66.4
Packaging (rolls/pallet)	48	30	30

TECHNICAL DATA

Per ASTM D1970	ASTM Test	Requirement	WinterGuard Granular, WinterGuard Sand
Maximum Load at Break MD CMD	D2523	≥ 25 lbf/in	Pass Pass
Elongation at Break (Modified Bitumen Portion)	D2523	$\geq 10\%$	Pass
Adhesion to Plywood (75°F)	D903	≥ 12 lbf/ft	Pass
Thermal Stability	D1204	≤ 3 mm	Pass
Flexibility Temperature	D1970	Pass @ -20°F	Pass
Tear Resistance MD CMD	D4073	≥ 20 lbf/in	Pass Pass
Moisture Vapor Permeance	E96	≤ 0.1	Pass
Sealability Around Nail	D1970	No Leakage	Pass
Waterproof Integrity of Laps	D1970	No Leakage	Pass

TECHNICAL SUPPORT

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FOR MORE INFORMATION

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