

WinterGuard® PRO™ Waterproofing Underlayment

PRODUCT INFORMATION

WinterGuard® PRO™ is most commonly used in critical areas such as roof eaves, valleys, and as a waterproofing underlayment for low-slope shingle, metal, slate, and mechanically-fastened tile roofing applications. WinterGuard PRO (High Temperature) is advanced waterproofing underlayment for shingle, metal, slate and tile roofs. WinterGuard PRO underlayment is 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 PRO permanently to sunlight. Cover WinterGuard PRO as soon as possible with a permanent roof surface. The maximum exposure time is four (4) months.
- WinterGuard PRO 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 PRO products. Refer to instructions on the carton for additional nailing and sealing instructions.
- Do not apply WinterGuard PRO over shingles or underlayment of any sort.
- WinterGuard PRO is a vapor barrier. Therefore, if WinterGuard PRO is applied over a majority of the roof deck, proper deck ventilation must be provided.
- If WinterGuard PRO must contact sealants or cements, use solvent-based products sparingly, following manufacturer's instructions carefully. Excessive use of solvent-based adhesives can damage WinterGuard PRO's polymer modified asphalt coating. Do not use silicone-based sealants, as they do not maintain adequate long-term adhesion to asphalt.
- WinterGuard PRO is specially designed to withstand temperatures up to 260°F.
- WinterGuard PRO 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 PRO has a tough, tear resistant film on its top surface that won't scratch metal roofing applied over it. The adhesive contains SBS polymer modified asphalt.

Applicable Standards:

ICC-ES ESR-5399

ASTM D 1970

AC 188

FL Code Approval

CSA A123.22

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

PHYSICAL DATA

	WinterGuard PRO
Roll Area (sq.ft.)	200
Roll Length (ft.)	66.6
Roll Width (ft.)	3
Thickness (mils. typical)	45
Shipping Weight (approx. lb/roll)	51
Packaging (cartons/pallet)	35

TECHNICAL DATA

Per ASTM D1970	ASTM Test	Requirement	WinterGuard PRO
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

Technical Service Department: 800-345-1145
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FOR MORE INFORMATION

Customer Experience Team: 800-233-8990
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