



# G.A.P. WaterGuard™ SA TileGuard Ultra

## Self-Adhered SBS Modified Tile & Metal Underlayment

### PRODUCT DATA SHEET

#### PRODUCT DESCRIPTION

G.A.P. WaterGuard™ SA TileGuard Ultra is a polyester-reinforced, non-woven surfaced underlayment designed and manufactured for high-temperature applications under metal and tile roofs. SA TileGuard Ultra is approved for adhesive bonding of cement & clay tiles as well as mechanically attached applications. SA TileGuard Ultra is temperature resistant to 265°F, providing additional protection in metal roof assemblies. SA TileGuard Ultra underlayment can also be employed in a dual role as a flashing membrane, assist in protecting areas susceptible to leaks such as valleys, roof to wall transitions, and around vents and skylights.

#### APPLICATIONS

- Steep slope underlayment designed for tile and metal applications.
- Approved for use in both adhesive set and mechanically fastened tile applications.

#### FEATURES

- Ideal for adhesive-bonded and mechanically attached concrete and clay tiles – reinforced mat with a polyester non-woven top surface provides excellent bonding and material strength.
- Strong and robust material – this 60-mil product seals better around screws (fasteners) and holds up to traffic.
- 10 Year Limited Warranty – confidence in performance to complement your roofing system.
- 180-day UV exposure – longer dry-in time and greater protection from temporary exposure.
- Made in North America with US standards – assured performance, safe components and US quality standards.

#### TECHNICAL DESCRIPTION

Material Performance	ASTM Method	Results
Maximum load MD/CD min	D2523 / D1970	≥ 25 lbf/in
Elongation at break	D2523 / D1970	≥ 10%
Adhesion to plywood, min @ 40°F	D903 / 1970	≥ 2.0 lbf/ft
Adhesion to plywood, min @ 75°F	D903 / D1970	≥ 12.0 lbf/ft
Low temperature flexibility, max	D1970	Pass
Tear Resistance MD/CD, min	D4073 / D1970	≥ 20 lbf
Moisture Vapor Permeance	E96	≤ 0.1 U.S. perms
Sealability Around Nail	D1970 / D7349	Pass
Waterproof Integrity After Low-Temp Flexibility	D1970	Pass
Waterproof Integrity of Lap Seam	D1970 / D7349	Pass



#### DATA (ASTM Specification D1970)

Rolls/Pallet	25
Weight/ Roll	68lbs (nominal)
Roll Size	39 3/8" x 66'
Thickness	60 mils
Coverage	2 squares

#### APPLICABLE STANDARDS

- ASTM D1970
- Florida Building Code
- Miami-Dade County Approved
- Texas Department of Insurance





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### STORAGE INSTRUCTIONS

All G.A.P. Roofing, Inc. self-adhered roll membranes should be stored in their factory applied packaging. It is recommended that self-adhered products be stored inside a dry, protected warehouse at a temperature not exceeding 110°F. G.A.P. Roofing, Inc. recommends a maximum of 2 levels of stacking of all self-adhered products while in protected storage as stacking higher may damage the material.

### APPLICATION INSTRUCTIONS

**HANDLING PRECAUTIONS:** Before handling, read product Safety Data Sheet for safe use and for physical and health hazard information. Safety Data Sheets are available on the G.A.P. Roofing, Inc. website at [www.gaproofing.us](http://www.gaproofing.us).

**PREPARATION:** Ensure the deck is dry, smooth and without voids or unsupported areas. Remove any existing nails, fasteners or staples. All decayed, rotting, rusted or broken materials must be removed and replaced before installing roof underlayments. Deck must be in sound condition, stable and secured to sound framing with the correct fasteners, clips and spacing as per local building codes and or shingle or roofing manufacturers' published specifications. If using new OSB sheathing or plywood, a gap should be left between sheets to allow for expansion and contraction of new sheathing and prevent bulging and ridges from forming. Spacing should be approximately 1/8" at end joints and 3/16" at side joints; however, verify with shingle or other roof covering manufacturer's specifications. To help alleviate expansion and contraction of new OSB or plywood, allow the material to be pre-conditioned prior to installation. Always ensure adequate roof and attic ventilation when applying waterproofing membranes. Apply only when material interface temperatures are 40°F and rising. Lower temperatures will result in lower tack and reduce adhesion. If low temperatures are present during installation, product may be back nailed to hold sheet in position during installation. As temperatures rise, adhesive will activate and bond with substrate and seams. Priming is not required for clean and dry roof decks made of wood. Concrete and masonry deck surfaces require priming with asphalt primer that meets ASTM D41 standards.

**APPLICATION:** Always follow local buildings codes for your specific region. Apply G.A.P. WaterGuard® Underlayment horizontally starting at the bottom edge of the roof with surface material side up. Roll out materials onto existing roof deck and cut sheet to a suitable, workable length prior to placement. Align sheet with the lower edge of the roof (at the rake or side edge of roof) with the sheet extending over 1/4". Applications may require tacking of nails along upper edge of membrane to hold in place. Standing above the sheet on the roof deck, remove top half of release film from the sheet and apply firm even pressure from the center to the outer edges. Remove the release film from the remaining half of the sheet applying firm even pressure. Install working up the slope of the roof, ensuring a minimum overlap of 3" on side laps and 6" on end laps. Where back nailing is required, be sure that all nails are covered by the overlapping next sheet. Roll entire membrane surface, first rolling side to side across the membrane then roll end to end. Be sure to roll end laps and side laps to ensure bonding of adhesive. Roller weight shall be 70 lbs. for low slopes and 28 lbs. for steep slopes.

### WARRANTY

**STANDARD ONE (1) YEAR LIMITED WARRANTY:** G.A.P. Roofing, Inc. warrants to the original purchaser, contingent upon original proof of purchase, that this product will be free from any and all manufacturing defects that may materially and adversely affect the product's performance for a period of one (1) year from the date of original purchase ("Warranty Period"). Should a manufacturing defect materially and adversely affect this product's performance, G.A.P. Roofing, Inc. shall, within its sole discretion and upon receipt of Purchaser's timely written notice within the Warranty Period, provide replacement product(s) or refund the purchase price of the defective product. **THIS LIMITED WARRANTY IS PURCHASER'S SOLE AND EXCLUSIVE WARRANTY AND REPLACES ALL OTHER WARRANTIES, CONDITIONS, REPRESENTATIONS AND GUARANTEES, WHETHER EXPRESS OR IMPLIED, WHETHER BY STATUTE, AT LAW OR IN EQUITY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** This limited warranty does not cover labor or installation costs, leaks, fastener penetrations or other holes in the membrane, exposure over 180 days, low slope roofs or materials not manufactured by G.A.P. Roofing, Inc., consequential damages or incidental damages. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Direct all warranty claims in writing along with original proof of purchase to G.A.P. Roofing, Inc., c/o Warranty Claims Department, 4444 Hunt Street, Pryor, OK. 74361.

### MANUFACTURING FACILITIES

- Jasper, FL
- Shafter, CA
- Pryor, OK

### HEADQUARTERS

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