



SYNTHETIC ROOF UNDERLAMENT DATA SHEET

COMPLIANCE: Exceeds performance requirements of ASTM D4869 & ASTM D226. Florida Building Code Approved. Miami-Dade County Product Control Approved. UL Classified File #R14831. TDI Listed.

DESCRIPTION: Gator-Skin™ is a high quality roofing underlayment designed to shed water off your roof and away from your home. It provides a secondary layer of protection against wind, moisture, and other elements and replaces the use of #15 and #30 organic roofing felt under asphalt shingles, residential metal and cedar shake roofing materials. Gator-Skin is manufactured using a three layer construction that won't tear or wrinkle like traditional products, even when soaking wet. Its tough and durable composition can withstand the desert heat, pouring rains, high winds and ice and snow! It also utilizes Safe-Step Technology which is designed to provide enhanced traction and walkability. Gator-Skin is the ideal underlayment for professional roofing contractors that demand performance.

EXPOSURE: This product can be left exposed for up to 120 days. Exposure period is based on standardized testing for UV Resistance and is NOT related to wind, water or other elements.

USES: Gator-Skin is an excellent underlayment for steep-slope roofing such as shingles, wood shakes, and metal roofs. Gator-Skin acts as a secondary protection barrier. Underlayments will not prevent wind driven rain from entering the building as a primary roof covering. Gator-Skin is not recommended for low slope roofs less than 2:12. Always follow local building codes for your geographical area.

VENTILATION: This product is designed to be an air, water and vapor barrier and will retard the flow of moisture vapors. Gator-Skin should only be installed over properly vented substrates. High or excessive humidity can result in condensation and presence of moisture resulting in deck deterioration and/or mold. Always consult a design professional to address potential moisture entrapment and condensation issues. This can be in the form of ridge vents, solar/power vents, continuous ceiling vapor barrier or other ventilation products. Proper ventilation will help alleviate these concerns. In hot and arid climates, heat build-up can result in drying, cracking and premature aging of roofing materials.

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, this must be verified with shingle or other roofing manufacturer's specifications. To help alleviate expansion and contraction of new OSB or plywood, allow the material to be pre-conditioned prior to installation.

Where an ice barrier is required, install approved self-adhered membrane at eaves, rakes, valleys, penetrations and other critical areas. Install prior to Gator-Skin at all eaves and valleys. At Rakes (Side edge of roofs) install Gator-Skin underlayment stopping 6" from the rake (side edge of roof). Then install Approved Self-Adhered Ice & Water protection from the edge of the roof (rake) and extend over the top of Gator-Skin according to code requirements or a minimum of 6".

APPLICATION: Always follow local buildings codes for you specific region. Run Gator-Skin horizontally starting at the bottom edge of the roof with printed side up. Do not use staples to fasten Gator-Skin as this will void the warranty. Always use corrosive resistant nails and nail at 90 degrees to the roof deck. Do not leave any gaps. Nails should be snug and hammered flush to the deck. Where seams or joints require sealant, use APOC, Black Jack or Gardner approved sealants or tapes. This is recommended where there will be extended exposure with driving rains or high winds. For same day coverage with primary roofing materials, fasten underlayment a minimum of every other location using 1" plastic cap nails or 1" leg roofing nails with 3/8" head. If Gator-Skin is left exposed after the initial day of installation, fasteners must be installed in every location and 1" metal cap (smooth or ring shank) or 1" plastic cap roofing nails must be used in all locations as printed on the underlayment. Carefully set roll in place at the edge of the roof and unroll 2 - 3'. Align the underlayment to the edge of the rake and eaves, but not over the sides of the building. When the underlayment is properly positioned and straight, install 2 nails at least 6" apart along top edge to hold the underlayment in

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Size	42" x 285.8'
Area	10 Squares
Permeability ASTM E96	0.05 Perms
Water Transmission ASTM D4869	Pass
Tear ASTM D4533	MD 34 lb CD 37 lb
Tensile ASTM D751	MD 120 lb CD 95 lb
Burst Strength ASTM D751	> 200 psi
Elongation ASTM D751	MD 40% CD 40%
Thickness (mil) ASTM D1777	9
Net Mass (g/m2) ASTM D5261	115
Temperature Range	-40 °F to 240 °F (-40 °C to 115 °C)
Pliability, ASTM D146	Pass
Dimensional Stability, ASTM F1087	Pass

Approx. Shipping Weights: (Note: All approx. weights include container)

Weight per Roll	22.4 lbs
Rolls per Pallet	36
Pallet Weight	873 lbs

place. Next, roll out Gator-Skin approximately one half way across the roof, or about 20 - 25'. In windy conditions, work with approximately one half of this distance. Pick up the roll and pull until tight. Line up the edge of the roll with the eaves and eliminate any wrinkles or buckles. Standing above the Gator-Skin, nail the top row of fasteners in place. Then nail in the remaining fasteners. For roofs over 2:12 pitch, overlap Gator-Skin a minimum of 4" on side laps and 6" on end laps. Adjacent end laps should be offset a minimum of 3". Extend Gator-Skin over metal at eaves and under metal at rakes. For extended warranty on low slope applications (2:12 to 4:12), follow NRCA guidelines of double coverage method with side laps a minimum of 22 inches and end laps a minimum of 12". Not recommended for slopes less than 2:12.

HANDLING PRECAUTIONS: Product safety information required for safe use is not included. Before handling, read product Safety Data Sheets and container labels for safe use and for physical and health hazard information. Safety Data Sheets are available on the APOC website at www.apoc.com. You can also obtain a copy from your local APOC Distributor or APOC sales representative.

LIMITED WARRANTY AND DISCLAIMER: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact APOC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with APOC warranty procedures and program.

For limited warranty and disclaimer information, visit our website at: www.apoc.com/productwarrantyinfo.

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See SDS for more info

