



# GATOR-SKIN™ 10 SHINGLE UNDERLAYMENT

## DATA SHEET

### APOC Gator-Skin 10 Shingle Underlayment

**DESCRIPTION:** APOC Gator-Skin™ 10 is an engineered synthetic underlayment designed to be used as the base layer under asphalt shingles on sloped roofs. Its superior double-sided non-slip surface offers better walkability than any synthetic underlayment in its class. Gator-Skin 10 lays flatter than other synthetics while providing better protection and durability.

**COMPLIANCE:** Meets performance requirements of ASTM D4869 & ASTM D226. Miami-Dade County Product Control Approved. Florida Building Code Approved.

**USES:** Gator-Skin 10 is a quality shingle underlayment for steep-slope roofing. Gator-Skin 10 should not be used on low slope roofs less than 2:12. Always follow local building codes for your geographical area.

**PREPARATION:** Ensure the roof 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 manufacturer's 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/water barrier is required, install APOC SB-1 Self-Bond Roof Underlayment at eaves, rakes, valleys, penetrations and other critical areas. Install prior to Gator-Skin 10 at all eaves and valleys. At rakes (side edge of roofs) install Gator-Skin 10 underlayment stopping 6" from the rake (side edge of roof). Then install APOC SB-1 membrane from the edge of the roof (rake) and extend over the top of Gator-Skin 10 according to code requirements or a minimum of 6".

**APPLICATION:** Always follow local buildings codes for your specific region. Run Gator-Skin 10 horizontally starting at the bottom edge of the roof with printed side up. Do not use staples to fasten Gator-Skin 10 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 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 10 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 feet. 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 place. Next, roll out Gator-Skin 10 approximately one half way across the roof, or about 20 - 25 feet. 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 10, nail the top row of fasteners in place. Then nail in the remaining fasteners. For roofs over 2:12 pitch, overlap Gator-Skin 10 a minimum of 4" on side laps and 6" on end laps. Adjacent end laps should be offset a minimum of 3 feet. Extend Gator-Skin 10 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" and end laps a minimum of 12". Not recommended for slopes less than 2:12.

**ROOF VENTILATION:** This product is designed to be an air, water and vapor barrier and will retard the flow of moisture vapors. Gator-Skin 10 should only be installed over properly vented substrates. High or excessive humidity can result in condensation and presence of moisture resulting in roof deck deterioration and or mold. Always consult a design professional to address potential moisture entrapment and condensation issues. Proper ventilation can be achieved with ridge vents, solar/power vents, continuous ceiling vapor barrier or other ventilation products. In hot and arid climates, heat build-up can result in drying, cracking and premature aging of roofing materials.

### 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 30 lb   CD 30 lb
Tensile ASTM D751	MD 80 lb   CD 65 lb
Elongation ASTM D751	MD 30%   CD 30%
Thickness (mil) ASTM D1777	6
Net Mass (g/m2) ASTM D5261	85
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	19 lbs
Rolls per Pallet	64
Pallet Weight	1255 lbs

**EXPOSURE:** This product can be left exposed for up to 60 days, but it is best to apply shingles and dry in the roof as quickly as possible. This product is a basic secondary layer of protection, and when left exposed, will not prevent wind driven rain from entering the building as a primary roof covering.

**CAUTION:** When installing this product, always use caution and proper roof safety procedures as recommended by OSHA or authority in your area. Use safety equipment such as tie-offs, safety lines, body harnesses, toe boards and ladders. Never walk on Gator-Skin 10 that has not been fully nailed down. Dusty, damp or wet conditions as well as certain shoes can result in slippery surfaces and create a fall hazard. Always use fall protection when working on ladders, roofs or scaffolding. Always be aware of where you are in relation to your surroundings including but not limited to: the edge of the roof, any projections, skylights and any other objects which could cause you to slip or fall. Falling from a roof can result in serious harm or death. NOTE: All required safety and fall protection equipment and procedures should be employed continuously when working on roofs. Product may be slippery when wet.

**LIMITED EXTENDED WARRANTY ELIGIBILITY REQUIREMENTS:** For information and eligibility requirements for APOC Roof Systems, Corp. ("APOC") LIMITED EXTENDED WARRANTY, visit [www.apoc.com/pages/warranty](http://www.apoc.com/pages/warranty).

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