



PALISADETM

SYNTHETIC UNDERLAYMENT

INSTALLATION GUIDELINES

PALISADETM synthetic roofing underlayment must be installed above properly ventilated spaces, as the underlayment is considered a vapor barrier (follow all applicable building codes). The deck surface must be 2:12 slope or greater, dry, and free of dust, dirt, voids, loose nails and other protrusions. Damaged sheathing must be replaced. The use of a rosin paper slip-sheet is not required underneath metal roofing systems. Installation is limited to use with roof coverings that do not involve hot asphalt or coal-tar pitch.

PALISADETM is installed horizontally with the printed side up, and with 3-inch horizontal laps and 6-inch vertical laps. Overlaps must run with the flow of the water in a shingle pattern. The underlayment is only attached to the roof deck with roofing nails having 1-inch minimum diameter plastic or steel caps. **USE NO STAPLES.** Cap nails are spaced at 6 inches on center at vertical laps, and at 11 inches on center at horizontal laps. In the field area, apply fasteners at 13 inches spaced vertically and 22 inches on center horizontally. All caps (including nails) must be fully flush with the underlayment surface. Do not install fasteners over unsupported areas/voids. Repair all tears, holes, or damage to the underlayment.

In coastal areas, high wind conditions, or prolonged exposure, double the fastener schedule at minimum. (For Florida Miami-Dade/Broward **High Velocity Hurricane Zones (HVHZ)**, see FL-5325.1 (HVHZ) code approval). In addition, secure laps by folding all laps over before nailing, or taping securely across lap seams using exterior grade sheathing tape, or using sealants such as roofing cement (asbestos free meeting ASTM D4586), EPDM, or Butyl to seal laps.

For batten secured installations, use only adequate length ring shanked nails or screws. **USE NO STAPLES** to secure battens to the roof deck. When battens are installed over **PALISADETM**, the underlayment need only be preliminarily attached with cap nails pending attachment of the battens or counter-battens. Layout underlayment such that cap nails will not interfere with batten installation.

For slopes less than 4:12, use a full 20" half lap over the underlying course. Apply underlayment up all abutments at least 6 inches.

Depending on roof pitch and surface conditions, blocking may be required to support roofing materials. Use caution when walking on underlayment that has not been fastened to the deck.

PALISADETM is not designed to replace the primary roof covering material, or for indefinite outdoor exposure. Final roofing must be installed within 6 months.

AS WITH ANY ROOFING PRODUCT, OBSERVE ALL SAFE ROOFING CODES & PRACTICES (OSHA Regulations, Fall Protection Systems Criteria and Practices – 1926.502). USE CAUTION WHEN WALKING OR STANDING ON PALISADETM, AS SKID RESISTANCE MAY CHANGE WITH WET, DUST OR FROST CONDITIONS, AND ROOF PITCH. FAILURE TO USE PROPER SAFETY GEAR AND FOOTWEAR CAN RESULT IN SERIOUS INJURY.



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