

SDU 20

Storm Defender Underlayment

⚠ CAUTIONS: SAFETY FIRST

SDU 20 Storm Defender is a combustible building material as categorized by the 2015 International Building Code. SDU 20 Storm Defender should be protected from flames and other high heat sources.

1. Lay courses of SDU 20 Storm Defender horizontally in “shingle style” fashion with 4-inch course overlaps and 6-inch end laps beginning along eave edge. Offset end laps in successive courses by 6 feet.
2. When attaching SDU 20 Storm Defender to the roof sheathing:
 - When used under tile, slate, cedar and metal roof claddings a 1” diameter (min) metal or plastic cap-nails or cap-staples are required
 - When used under asphalt or synthetic shingles a 1” diameter (min) metal or plastic cap-nails or cap-staples are recommended. Un-capped staples or standard roofing nails may be used if shingles are installed within 36 hours (unless rain or high winds are expected). Use of uncapped fasteners may result in a risk of blow off or leakage around the fastener penetrations during a wind or rain event.
 - All anchoring must be performed flush to the roof and 90 degrees to the roof deck.
3. Install fasteners 12” on center along course and end over-laps and a single row 24” on center along the middle line of the field. Use the printed pattern as a guide.
4. In high wind zones, fasteners must be installed at all printed locations on the SDU 20 Storm Defender. It must be fastened using corrosion-resistant metal or plastic cap nails with a head diameter of at least 1” and a thickness of at least 32-gauge sheet metal. The cap-nail shank shall be a minimum of 12 gauge with a length to penetrate through the roof sheathing of a minimum of 3/4 inch into the roof sheathing.
5. Apply SDU 20 Storm Defender in two layers on roofs with slopes between 2:12 and 4:12. Begin with a 26-inch undercourse strip parallel with the eave edge, then cover with a full width sheet. Overlap successive sheets by 26 inches.
6. Install SDU 20 Storm Defender over drip edges along eave edge and under drip edges along rake edges.
7. Lap SDU 20 Storm Defender 8 inches (min.) onto vertical walls that intersect the roof.
8. Line roof valleys with a sheet of SDU 20 Storm Defender prior to installing horizontal courses. Lap the ends of underlayment in horizontal courses over the valley sheet by 6 inches.

SDU 20 Storm Defender Synthetic Underlayment Installation

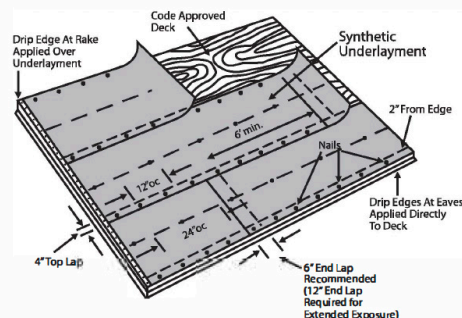
Instructions:

- ** SDU 20 Storm Defender must be installed on code approved roof decks
- ** Roof deck must be clean, solid, properly fastened and free of damage
- ** SDU 20 Storm Defender must be installed printed side up
- ** Plastic caps fasteners must be used to secure SDU 20 Storm Defender
- ** Plastic cap fasteners must be installed per building code spacing
- ** Plastic cap fasteners must be driven tight to the surface
- ** End Overlaps must be 12” minimum
- ** SDU 20 Storm Defender should be installed a minimum of 12” over hips and valleys

Compliances/Code Approvals

- ** Code Compliance Report CCRR-0401
- ** FL Building Code (FL-41820)
- ** UV Resistance up to 60 days

For use in Florida, underlayment must be installed in accordance with the provisions of sections 1507 and 1518 of the FBC.



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