

ROOF UNDERLAYMENT/ SOUS-COUCHE DE TOITURE



NovaSeal[®] ULTRA

FOR USE UNDER METAL, ASPHALT SHINGLES, SYNTHETIC SHINGLES, PRIMED CEDAR SHAKES AND TILES

CERTIFIED TO: ICC-ES AC 188 (CCRR-1105); ASTM D8257; ASTM E108 Class A; CAN/CSA A220.1-06; FBC (FL26367);
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED

Refer to the Intertek Directory of Building Products (<https://bpdirectory.intertek.com>) for detailed information.

INSTALLATION GUIDELINES

- NovaSeal[®] ULTRA Synthetic Roof Underlayment must be installed above properly ventilated spaces per local building codes, and is a vapor barrier.
- To prevent harmful condensation or heat buildup, air must circulate freely under the roof deck. All roof structures must have thorough ventilation to prevent entrapment of moisture laden air behind the roof sheathing. Ventilation provisions must meet or exceed adopted building codes.
- NovaSeal ULTRA Synthetic Roof Underlayment is approved for use over plywood or OSB roof decks. The roof deck should be swept clean of dirt and debris and be smooth and dry prior to installation.
- NovaSeal ULTRA Synthetic Roof Underlayment is laid horizontally (parallel to the eave) with the print side up with 4 inch (10 cm) horizontal laps and 6 inch (15 cm) side laps. Align head laps with the expected direction of flow of water in a shingling fashion.
- NovaSeal ULTRA Synthetic Roof Underlayment is to be used in steep slope roofing applications with slopes of 4:12 or greater. If used in low slope applications between 2:12 to 4:12, it is recommended to overlap 50% plus 1".
- Any material splice must be removed by cutting it out, then continue with the product install using standard overlap and fastening pattern.
- In normal wind zones, best practice is to attach NovaSeal ULTRA Synthetic Roof Underlayment to the roof with corrosive resistant 1" plastic or metal cap-nails or cap-staples spaced at 6 inches (15 cm) on center on both head and end laps, and 12 inches (30 cm) on center in the field area in the middle of the roll.
- Capped fasteners may be hand or machine applied, but should be driven squarely into the deck to secure caps flush to the underlayment.
- If covered within 48hrs with primary roofing, and no driving rain or high wind events are expected, NovaSeal ULTRA Synthetic Roof Underlayment can be installed with uncapped staples or corrosive resistant 3/8" head roofing nails with 1" leg or greater.
- The use of uncapped fasteners can result in blow off or leakage around the fasteners during rain or wind events.
- In high wind zones or coastal applications, decrease the spacing to 4 inches (10 cm) on center on both head and end laps with 12 inches (30 cm) on center in the field area.
- For roofs required to have an ice barrier under the IBC or IRC, a self-adhered polymer modified bitumen sheet, complying with ASTM D1970 or the ICC-ES Acceptance Criteria for Self-Adhered Roof Underlayments for Use as Ice Barriers (AC48) shall be applied. The severe climate underlayment shall be applied over the solid substrate in sufficient courses that the underlayment extends up the roof a distance equal to the distance inside the exterior wall line of the building that is specified in the appropriate section of the applicable code. NovaSeal[®] ULTRA Synthetic Roof Underlayment shall overlap the severe climate underlayment.
- NovaSeal ULTRA Synthetic Roof Underlayment should be covered by the final roof covering as soon as possible as it not designed for indefinite outdoor exposure. It is recommended that the final roof covering should be installed no later than 180 days after the installation of NovaSeal ULTRA Synthetic Roof Underlayment.
- The procedures for new construction also apply for re-roofing applications after removal of the old roof covering and underlayment's to expose the roof deck.
- When installed in Florida, attach underlayment as per FBC Section 1507.1.1, Table 1507.1.1.1. In high wind zones, attach as per FBC Sections 1518.2 and R905.

SAFETY PRECAUTIONS

Read before use. Refer to SDS for additional information.

- **CAUTION!** NovaSeal ULTRA roof underlayment may be slippery when wet or covered with mud, dust, frost, ice or snow.
- Comply with all OSHA or other standards and codes for roof work
- Always use a Fall Protection System when working on roofs.
- Use roof jacks with planks, toe boards or storage platforms secured to the substrate to prevent slippage of stored material.
- Stay away from power lines, do not contact with body or equipment.
- On steep pitched surfaces, roof jacks with planks should be used for standing. Follow all ladder safety standards and codes.
- Never leave scraps, wrappers or other debris on the roof surface. Dispose of waste in accordance with local regulations.



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