

FOR USE UNDER METALS, SHINGLES, SLATE, SHAKE AND MOST TILES

MEETS THE FOLLOWING CERTIFICATIONS: ICC-ES AC 188 (ESR-2185); FLORIDA (FL6645); MIAMI-DADE COUNTY (NOA 14-0414.07); CAN/CSA A220.1; WARNOCK HERSEY; ASTM D226; ASTM E108; ASTM D1709; UL 2218

INSTALLATION INSTRUCTIONS

- NovaSeal® AP (All Purpose) roof underlayment must be installed above properly ventilated spaces per local building codes, and is considered to be a vapor barrier.
- The roof deck should be swept clean of dirt and debris and be smooth and dry prior to installation. NovaSeal® AP roof underlayment is limited to use with roof coverings that do not involve hot asphalt or coal-tar pitch.
- A sharp, straight edge cutting blade is recommended for cutting NovaSeal® AP roof underlayment. NovaSeal® AP roof underlayment should be installed when the ambient air and substrate temperatures, at the time of installation, are above 40°F (4°C).
- NovaSeal® AP 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® roof underlayment should generally be used at slopes of 2:12 or greater.
- In normal wind zones, NovaSeal® AP roof underlayment is attached to the roof with roofing nails having a 1 inch (2.5 cm) diameter plastic cap, minimum 1 inch (2.5 cm) length, 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.
- Nails may be hand or machine applied, but should be driven squarely into the deck to secure caps flush to the underlayment.
- 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.
- In areas subject to wind speeds in excess of 90 miles per hour (145 km/h) (UBC), or wind speeds in excess of 110 miles per hour (177 km/h) (IBC and IRC), NovaSeal® AP roof underlayment should be applied per Sections 1507.2.8.1 of the IBC and Section R905.3.3.3 of the IRC.
- For roofs required to have an ice barrier under the IBC or IRC, or a severe climate underlayment under the UBC, a self-adhered polymer modified bitumen sheet, complying with ASTM D1970 or the ICC-ES Acceptance Criteria for Severe Climate Underlayment's (AC 48) 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. The NovaSeal® AP roof underlayment shall overlap the severe climate underlayment.
- For use in High Velocity High Hurricane Zones (HVHZ), NovaSeal® AP roof underlayment shall be installed as a part of a HVHZ approved assembly in accordance with Sect. 1518.2 of the Florida Building Code.
- The use of staples (No. 16 gage stainless steel staples with a minimum 7/16 inch (1.1 cm) crown) to attach NovaSeal® AP roof underlayment is permitted only when the final roof covering is to be installed immediately following the installation of NovaSeal® AP roof underlayment.
- NovaSeal® AP 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 6 months after the installation of NovaSeal® AP roof underlayment.
- The procedures for new construction also apply for re-roofing applications after removal of the old roof covering and underlayment to expose the roof deck.

SAFETY PRECAUTIONS

Read before use. Refer to MSDS for additional information.

- **CAUTION!** NovaSeal® AP 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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