TopShield® 96
Synthetic Roofing Underlayment

Installation Instructions

IMPORTANT! READ ALL INSTRUCTIONS THOROUGHLY BEFORE INSTALLING.

INSTALLATION

1. **Deck Prep:** The deck surface must be clean, dry, and free of frost, dust, dirt, loose fasteners and protrusions.
2. **TOPSHIELD 96** must be installed on a well-ventilated roof with a pitch of 4/12 or greater.
3. **TOPSHIELD 96** is laid horizontally parallel to the eave of the roof with the printed side up.
4. **Overlaps** run with the natural flow of water in a shingling manner, minimum 3-inch horizontal laps and minimum 6-inch vertical laps. For well-ventilated roofs with slopes of at least 2/12 but less than 4/12, double the layers of **TOPSHIELD 96**, increasing the side laps to 6 inches(152mm) and shingling the side laps is recommended. **TOPSHIELD 96** is not recommended for roofs with less than a 2/12 slope. Use a straight blade utility knife or scissors to cut. Fasten as outlined below

FASTENING

1. **TOPSHIELD 96** is attached to the roof deck with 4d-8d corrosion-resistant steel or stainless steel ring shank fasteners, having 1-inch diameter corrosion-resistant metal round cap, plastic round top caps, corrosion-resistant 3/4" (minimum) EG or hot dipped galv roofing nails. Use of corrosive resistant 3/8" head x 1" smooth leg roofing nails is acceptable only if primary roofing will be installed within 24 hours of **TOPSHIELD 96** installation.

   - Place fasteners a minimum of 6"–12" O.C. or as needed at all seams to securely hold in place.
   - Underlayment shall be attached as per FBC Section 1507.1.1, Table 1507.1.1.1.
   - Underlayment shall be fastened as per FBC Sections 1518.2 and R905.
   - Due to the nature of roofing, fall protection consistent with OSHA guidelines for roofing should be used (guardrail systems with toe boards, safety net systems or personal fall arrest systems).

ICE BARRIER AND FLASHING

1. **Ice barrier and flashing** shall be installed in accordance with applicable code requirements (IBC/IRC).

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