

DuPont™ RoofLiner

PREMIUM ROOFING UNDERLAYMENT INSTALLATION GUIDELINES

Specifications

- DuPont™ RoofLiner is made with DuPont™ Elvaloy® copolymer.
- DuPont™ RoofLiner rolls are 48 inches wide and 250 feet long. Each roll covers approximately 1,000 ft² (10 squares).
- DuPont™ RoofLiner is for use on roofs with slopes \geq 2:12.
- DuPont™ RoofLiner must be covered with the final roof cladding within 6 months.

Building Code Compliance

- Consult local building code and roof cladding manufacturer for use of underlayment.
- Consult local building code and roof cladding manufacturer for underlayment edge and end overlap and fastening requirements that may differ from DuPont™ RoofLiner instructions. Follow the more restrictive requirements.
- Use a roof cement sealing product when roof cladding manufacturer's requirements call for underlayment laps, joints or layers to be sealed or bonded.
- Where required by local building code, apply self-adhering waterproof underlayment as the first course along eave edges according to manufacturer's instructions and DuPont™ RoofLiner for successive courses.
- DuPont™ RoofLiner meets ICC-ES AC 48, Section 3.0, code requirements as a roof underlayment with an ASTM E108 Class A fire rating.
- DuPont™ RoofLiner has code approval per ICC-ES ESR 2391 and Florida FL 11602-R1.

Precautions and Safety

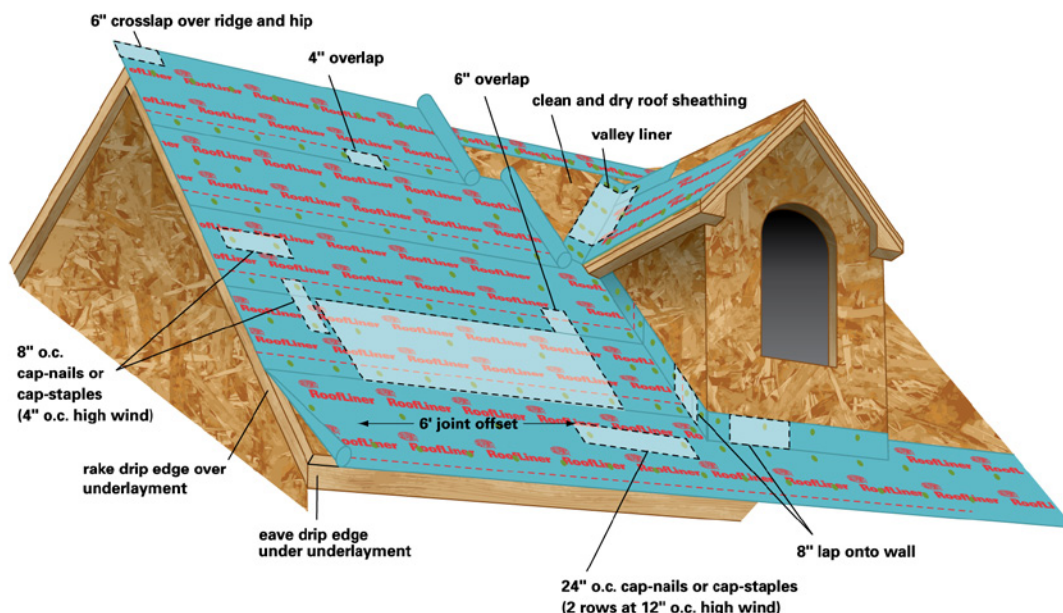
- Apply DuPont™ RoofLiner taut and wrinkle-free. Do not stretch.
- Use plastic or metal cap fasteners for safe, secure installation.
- Do not apply DuPont™ RoofLiner over wet or frost-covered roof sheathing.
- Do not walk on DuPont™ RoofLiner until it has been fastened according to instructions.
- Do not walk on DuPont™ RoofLiner when it is wet or frost-covered.
- Use fall protection when working on roof. Refer to OSHA safety regulations 29 CFR1926 subpart M.
- Consult your local DuPont™ Tyvek® Specialist for additional information.

Preparation

- Apply DuPont™ RoofLiner over a dry, smooth, clean and defect-free roof deck.
- DuPont™ RoofLiner is a vapor barrier. Ensure that the space beneath the roof sheathing is properly ventilated before installing to avoid condensation problems.
- DuPont™ RoofLiner is covered by a 30-Year Limited Product Replacement Warranty from DuPont for Builders, General Contractors or Professional Installers. This is not a consumer warranty.



DuPont™
RoofLiner



DuPont™ RoofLiner Installation Instructions

1. Lay courses of DuPont™ RoofLiner horizontally in "shingle style" fashion with 4-inch course overlaps and 6-inch end laps beginning along the eave edge. Offset end laps in successive courses by 6 feet.
2. Attach DuPont™ RoofLiner to the roof sheathing with 1-inch diameter (min) metal or plastic cap-nails or 16-gauge (min) cap-staples driven flush with the roof deck surface. Nails and staple legs must be a minimum of $\frac{3}{4}$ inch long.
3. Space fasteners at 8 inches on center (o.c.) along course and end laps and a single row 24 inches o.c. in the field of the sheets.
4. In high wind zones (at or above 100 mph per IRC R301.2), space fasteners at 4 inches o.c. along courses and end laps and two rows 12 inches o.c. in the field of the sheets.
5. Apply DuPont™ RoofLiner with two layers on roofs with slopes between 2:12 and 4:12. Begin with a 26-inch undercourse strip parallel to the eave edge, and then cover with a full width sheet. Overlap successive sheets by 26 inches.
6. Install DuPont™ RoofLiner over drip edges along eave edge and under drip edges along rake edges.
7. Lap DuPont™ RoofLiner 8 inches (min) onto walls.
8. Line roof valleys with a sheet of DuPont™ RoofLiner prior to installing horizontal courses of DuPont™ RoofLiner. Lap the ends of horizontal DuPont™ RoofLiner courses over the valley sheet by 6 inches.
9. At ridges and hips where ridge vents will not be applied, cross-lap DuPont™ RoofLiner from one roof plane onto the other by 6 inches. For additional weather protection, apply a 24-inch wide sheet of DuPont™ RoofLiner across hips and ridges.
10. Uncapped medium wire staples, with a minimum length of $\frac{5}{8}$ inch, or capped staples at least $\frac{3}{8}$ inch long may only be used as temporary fasteners of DuPont™ RoofLiner under all of the following conditions:
 - a. Final roof cladding will be installed within 24 hours.
 - b. Roof slope is less than 9:12.
 - c. Wind conditions less than 10 mph.
 - d. No precipitation situation. Temporary fasteners can compromise the water-shedding properties of DuPont™ RoofLiner so they should not be used in rain or snow situations.
 - e. Fasteners are spaced 8 inch o.c. along courses and end laps and one row of 8 inches o.c. in the field on the sheets.



The miracles of science™