

# DuPont™ RoofLiner with Elvaloy®

## PREMIUM ROOF UNDERLAYMENT

### INSTALLATION GUIDELINES

#### Specifications

- DuPont™ RoofLiner with Elvaloy® rolls are 47 inches wide and 256 feet long. Each roll covers approximately 1,000 ft<sup>2</sup> (10 squares).
- DuPont™ RoofLiner with Elvaloy® is for use on roofs with slopes equal to or greater than 2:12 where local codes permit unrated assemblies.
- DuPont™ RoofLiner with Elvaloy® must be covered with the finish roofing material within 6 months.

#### Building code compliance

- Consult local building code and roof cladding manufacturer for use of unrated underlayment.
- Consult local building code and roof cladding manufacturer for underlayment edge and end overlap and fastening requirements that may differ from DuPont™ RoofLiner with Elvaloy® instructions. Follow the more restrictive requirements.
- Manufacturer requirements call for underlayment laps, joints or layers to be sealed or bonded with roof cement. Use an approved roof cement sealing product.
- Where required by local building code, apply self-adhering waterproof shingle underlayment as the first course along eave edges according to manufacturer's instructions and DuPont™ RoofLiner with Elvaloy® for successive courses.
- DuPont™ RoofLiner with Elvaloy® meets ICC-ES AC188 code requirements as an unrated roof underlayment.

#### Precautions and safety

- Apply DuPont™ RoofLiner with Elvaloy® taut and wrinkle-free. Do not stretch.
- Use plastic or metal cap-nails or cap-staples for safe, secure installation.
- Medium wire staples may only be used to temporarily fasten DuPont™ RoofLiner with Elvaloy® when:
  - a. Roof cladding is to be applied immediately and the DuPont™ RoofLiner with Elvaloy® will not be walked on.
  - b. Metal or plastic cap-nails or cap-staples will be installed immediately after stapling down DuPont™ RoofLiner with Elvaloy® and before it is walked on.

- Do not apply DuPont™ RoofLiner with Elvaloy® over wet or frost-covered roof sheathing.
- Do not walk on DuPont™ RoofLiner with Elvaloy® until it has been fastened according to instructions.
- Do not walk on DuPont™ RoofLiner with Elvaloy® when wet or frost-covered.
- Use fall protection when working on a roof. Refer to OSHA safety regulations 29 CFR1926.
- Consult your local DuPont™ Tyvek® Specialist for additional information.

#### Preparation

- Apply DuPont™ RoofLiner with Elvaloy® over a dry, smooth, clean and defect-free roof deck.
- DuPont™ RoofLiner with Elvaloy® is a vapor barrier. Ensure that the space beneath the roof sheathing is properly ventilated before installing to avoid condensation problems.

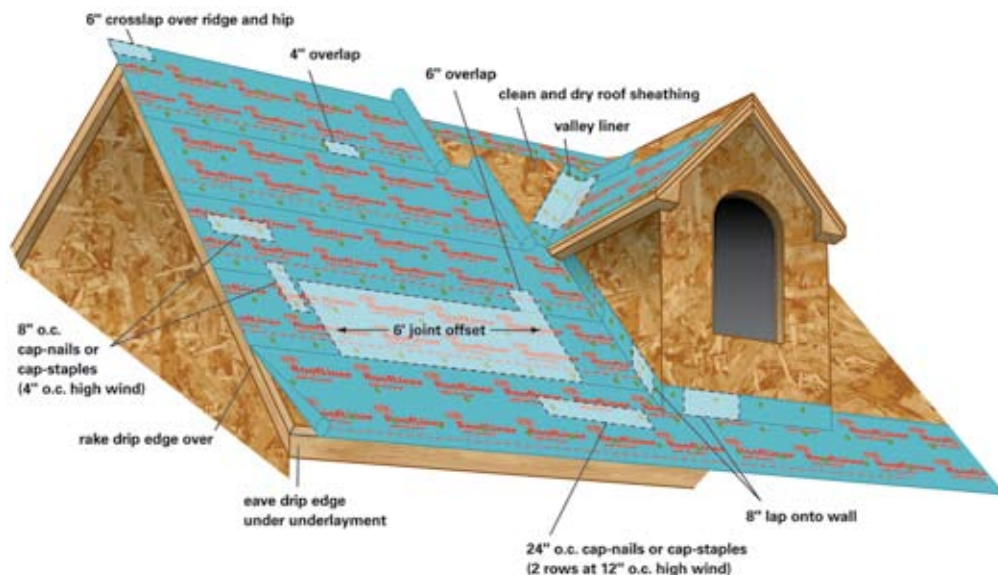
#### DuPont™ RoofLiner with Elvaloy® Residential 20-Year Product Replacement Limited Warranty

This product comes with a 20-Year Product Replacement Limited Warranty for Builders, General Contractors or Professional Installers. This is not a consumer warranty.

To submit a warranty claim, please call 1-800-448-9835. Warranty coverage requires submission of proof of purchase of the DuPont™ RoofLiner Product at issue.



DuPont™  
**RoofLiner**  
with Elvaloy®



## DuPont™ RoofLiner with Elvaloy® installation instructions

1. Lay courses of DuPont™ RoofLiner with Elvaloy® 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. Attach DuPont™ RoofLiner with Elvaloy® to the roof sheathing with 1 inch diameter (min) metal or plastic cap-nails or 16 ga (min) cap-staples driven flush with the roof deck surface. Nails and staple legs must penetrate through roof sheathings  $\frac{3}{4}$  inch or less in thickness or  $\frac{3}{4}$  inch into sheathings thicker than  $\frac{3}{4}$  inch.
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 center of the sheets.
4. In high wind zones space fasteners at 4 inches o.c. along the course and end laps and two rows 12 inches o.c. in the field of the sheets.
5. Apply DuPont™ RoofLiner with Elvaloy® 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 DuPont™ RoofLiner with Elvaloy® over drip edges along eave edge and under drip edges along rake edges.
7. Lap DuPont™ RoofLiner with Elvaloy® 8 inches (min) onto walls.
8. Line roof valleys with a sheet of DuPont™ RoofLiner with Elvaloy® prior to installing horizontal DuPont™ RoofLiner courses. 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 with Elvaloy® from one roof plane and onto the other by 6 inches. For additional weather protection apply a 24 inch wide sheet of DuPont™ RoofLiner across hips and ridges.



The miracles of science™