

DUPONT™ TYVEK® PROTEC™

ROOFING UNDERLAYMENTS INSTALLATION GUIDELINES

INSTALLATION GUIDELINES ACCEPTABLE FOR USE WITH

- Tyvek® Protec™ 120
- Tyvek® Protec™ 160
- Tyvek® Protec™ 200

SPECIFICATIONS

- Tyvek® Protec™ is available in 10 square rolls: 48" x 250'/1.2m x 76.2m (92.9m²)
- Tyvek® Protec™ is for use on roofs with slopes $\geq 2:12$.
- Tyvek® Protec™ must be covered with the final roof cladding within:
 - 3-months with Tyvek® Protec™ 120
 - 6-months with Tyvek® Protec™ 160 or Tyvek® Protec™ 200

Tyvek® Protec™ should not be considered a final roofing system/primary water barrier. Tyvek® Protec™ is a secondary layer applied over sheathing, under a primary roofing system as specified for the following:

- Tyvek® Protec™ 120 - asphalt shingles, metal or cedar roof cladding
- Tyvek® Protec™ 160 - asphalt shingles, tile, metal, cedar, or slate roof cladding
- Tyvek® Protec™ 200 - asphalt shingles, tile, metal, cedar, or slate roof cladding

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 Tyvek® Protec™ instructions. Follow the more restrictive requirements.
- Where required by local building code, apply self-adhering waterproof underlayment as required by code according to manufacturer's instructions and Tyvek® Protec™ for successive courses.

- Tyvek® Protec™ provides protection against leaks under all types of roof coverings identified by ICC-ES AC188.
- Tyvek® Protec™ has code approval per ICC-ES AC188. For use in Canada, reference Intertek Report #CCRR-1062.

PRECAUTIONS AND SAFETY

- Apply Tyvek® Protec™ taut and wrinkle-free. Do not stretch.
- Plastic or metal cap fasteners with ring shank or smooth shank nails for safe, secure installation are recommended.
- Do not apply Tyvek® Protec™ over wet or frost-covered roof sheathing.
- Caution should be taken when walking on Tyvek® Protec™ until it has been fastened according to instructions.
- Caution should be taken when walking on Tyvek® Protec™ 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 Tyvek® Protec™ over a dry, smooth, clean and defect-free roof deck.
- Tyvek® Protec™ is a vapor barrier. Ensure that the space beneath the roof sheathing is properly ventilated before installing to avoid condensation problems.



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DUPONT™ TYVEK® PROTEC™ INSTALLATION INSTRUCTIONS

The following are recommended:

1. Lay courses of Tyvek® Protec™ horizontally in “shingle style” fashion following the lap lines provided in 4" course overlaps and 6" end laps beginning along the eave edge. Offset end laps in successive courses by 6 feet.
2. Attach Tyvek® Protec™ to the roof sheathing with minimum 3/4" length and 1" diameter metal or plastic cap-nails or cap-staples driven flush with the roof deck surface. All anchoring must be performed flush to the roof and 90 degrees to the roof deck.
3. Space fasteners at 6" on center (o.c.) along course and end laps and a single row 12" o.c. in the field of the sheets per recommended fastener guide printed on product.
4. In high wind zones (at or above 100 mph per IRC R301.2), space fasteners at 4" o.c. along courses and end laps and two rows 12" o.c. in the field of the sheets.
5. Apply Tyvek® Protec™ with two layers on roofs with slopes between 2:12 and 4:12. Begin with a 26" undercourse strip parallel to the eave edge, and then cover with a full width sheet. Overlap successive sheets by 26".
6. Install Tyvek® Protec™ over drip edges along eave edge and under drip edges along rake edges.
7. Lap Tyvek® Protec™ 8" (min) onto walls.
8. Line roof valleys with a sheet of Tyvek® Protec™ prior to installing horizontal courses of Tyvek® Protec™. Lap the ends of horizontal Tyvek® Protec™ courses over the valley sheet by 6".
9. At ridges and hips where ridge vents will not be applied, cross-lap Tyvek® Protec™ from one roof plane onto the other by 6". For additional weather protection, apply a 24" wide sheet of Tyvek® Protec™ across hips and ridges.

WARRANTY

Tyvek® Protec™ is covered by a limited product replacement warranty:

- Tyvek® Protec™ 120: 30-years
- Tyvek® Protec™ 160: 40-years
- Tyvek® Protec™ 200: 50-years

Warranty is offered by DuPont for builders, general contractors, or professional installers. This is not a consumer warranty. To obtain a copy of the warranty please visit www.tyvek.com/protec or call 1-800-448-9835.

For more information about DuPont™ Tyvek® Protec™, please call 1-800-448-9835 or visit us at www.tyvek.com/protec