

# **GAF RoofPro™ Underlayment Application Instructions**

**(RESUL175)**

Updated: 2/10



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# ROOFPRO™

## APPLICATION INSTRUCTIONS

SBS-Modified **All-Purpose Underlayment**

### RoofPro™ SBS-Modified All-Purpose Underlayment

is designed to be installed to shed water. The side laps, end lap and nail penetrations are not waterproof. RoofPro™ Underlayment will withstand UV exposure for up to 60 days. The primary roof covering (tile, asphalt shingles, etc. \*) must be installed over RoofPro™ Underlayment within 60 days.

\* **Note: DO NOT** use RoofPro™ Underlayment under metal roofs.

### What To Do Before You Begin...

1. **Read these instructions...** for additional information and construction details, contact Technical Services at 1-800-ROOF-411 or visit [gaf.com](http://gaf.com).
2. **Read the primary roof covering manufacturer's or supplier's installation instructions...** for additional requirements.
3. **Check with local building code authorities...** for local requirements.
4. **Check the temperature...** install only when the outside temperature is 45°F (7°C) and rising.
5. **Examine the deck or substrate...** make sure the surface is clean, dry, and free of debris.
6. **Examine the deck and/or substrate for defects or damage...** repair where necessary.  
**Note:** Gaps in the deck greater than 1/4" (6mm) require 32 ga. sheet metal overlays nailed at 3" o.c. (76mm).
7. **Check for proper under-deck ventilation...** RoofPro™ Underlayment can retard moisture vapor movement. As such, there is potential for humid air in the attic to condense as water beneath the underlayment. This can create an environment that can result in deterioration of the deck and growth of various undesirable molds. This situation must be addressed by making provisions in the roof design and installation that will provide proper ventilation to avoid high humidity, condensation and mold growth problems. In designing a proper attic (or space below the roof deck) moisture control system, many factors, including building use, moisture sources, expected interior/exterior temperature and relative humidity ranges, must be taken into consideration.

A design professional should address the potential for moisture entrapment, excessive moisture build-up and condensation. Moisture control solutions may include, but are not limited to use of:

- a continuous vapor barrier in the ceiling
- soffit and ridge vents
- gable vents
- power vents

### Acceptable Substrates:

- The Engineered Wood Association Approved Plywood [15/32 (12mm) minimum] or OSB [7/16" (11mm) minimum]
- Wood Plank [nominal 1" (25mm) minimum]

### Slopes 4/12 and Greater:

- Install one layer of RoofPro™ Underlayment
- Starting at the eaves, apply a 39 3/8" (1m) wide sheet of underlayment overlapping successive sheets 2" (51mm). Lay lines are provided on the product.
- All end laps must be a minimum of 6" (152mm).
- Offset end laps 6' (1.83m).
- Apply double coverage to all valleys, hips and ridges.
- **Nail with corrosion resistant cap nails...** Cap nails should be long enough to penetrate at least 3/4" (19mm) into wood decks or just through plywood or OSB decks.
- Nail side and end laps 9" (228mm) on center. Nail field of sheet in two evenly spaced rows; nail 18" (457mm) on center in each row staggering the nails in the two rows. All exposed edges of the sheet at valleys, ridges, etc. should be nailed 9" (228mm) on center.  
**Note:** Other nail densities or patterns may be required by the primary roofing manufacturer or local codes.
- **DO NOT** use hammer tacks or staples.

### Slopes 2/12 up to 4/12:

- Install two layers of RoofPro™ Underlayment
- Apply a 20 3/4" (527mm) strip of underlayment parallel with, and starting at the eaves.
- Starting at the eaves, apply a 39 3/8" (1m) wide sheet of underlayment overlapping successive sheets 20 3/4" (527mm). Lay lines are provided on the product.
- All end laps must be a minimum of 6" (152mm).
- Offset end laps 6' (1.83m).

(continued)



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#### **Slopes 2/12 up to 4/12 (continued):**

- **Nail with corrosion resistant cap nails...**

Cap nails should be long enough to penetrate at least  $\frac{3}{4}$ " (19mm) into wood decks or just through plywood or OSB decks.

- Nail along 1" (25mm) in from exposed side edge of sheet 9" (228mm) on center. Place another row of nails 9  $\frac{3}{8}$ " (238mm) in from exposed side edge of sheet 18" (457mm) on center. Nail end laps 9" (228mm) on center. All exposed edges of the sheet at valleys, ridges, etc. should be nailed 9" (228mm) on center.

**Note:** Other nail densities or patterns may be required by the primary roofing manufacturer or local codes.

- **DO NOT** use hammer tacks or staples.

#### **SAFETY CONSIDERATIONS...** as with all roofing projects:

- **Be Careful...** observe safe roofing practices and requirements (OSHA). Use caution when walking or standing on RoofPro™ Underlayment. Wet and dusty conditions may make the surface slippery. Failure to use proper safety gear and footwear can result in serious injury.
- **Placing Materials On Roof...** use roof jacks, toe boards or storage platforms secured to the underlying roof deck to prevent slippage of stored roofing materials. After removing any roof jacks, toe boards or storage platforms, repair any repair any holes or tears in the RoofPro™ Underlayment.

**Questions?** Contact GAF Technical Services Department at 1-800-ROOF-411



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