



Gray Hawk Synthetic Underlayment Installation Instructions

Warning: **WE DO NOT WARRANT INSTALLED Gray Hawk TO BE LEAKPROOF**, anymore than face-nailed and unflashed EPDM or TPO would be considered leakproof. Gray Hawk is only the first step in the roofing process, and by itself should not be considered waterproofing. Water will not pass through intact Gray Hawk, but may pass around staples and incorrectly applied roofing nails and cap nails. Water can blow under seam laps, through slits cut in Gray Hawk, and will pass around the unflashed edges of projections and roof/wall interfaces. When using Gray Hawk for reroofing, tarps should be used over unshingled areas to protect the building from water infiltration.

Gray Hawk is NOT a substitute for fully-adhered ice dam protection products, but may be used as underlayment for asphalt shingle and metal steep-sloped roofs, and in any application calling for #15 or #30 asphalt saturated felt.

Gray Hawk should be installed with the gray surface (printed surface) facing up. Horizontal seams should be lapped four inches and vertical side seams should be lapped six inches. Fasteners should be concentrated in the horizontal seams where they will penetrate two layers of product. To prevent windblown rain from penetrating the vertical seams we recommend taping those seams with a quality, six inch flashing tape. There will only be a few vertical seams on every roof, and this simple trick can protect those laps until the shingles are applied.



Features & Benefits

Unique water-shedding and special weaving technologies provide extraordinary walking traction, wet or dry. Gray Hawk provides legendary traction. Professional Roofers can tell the difference!

- Suitable for all asphalt shingle and metal steep-sloped roofs. A superior substitute for any application calling for asphalt saturated underlayment (#15 or #30 felt)
- Deck side slip-resistant coating
- Strong and durable
- Impervious to mold
- Lays flat and stays flat (will not buckle when wet)
- Will not tear easily, even in high wind conditions
- Secondary water barrier
- Woven and non-woven technologies combine to create a strong, safe roofing underlayment.
- Available in 4' and 5' widths for faster application, fewer fasteners, and less lap waste.

Proper Placement of Metal Drip Edge

Gray Hawk should lap over the drip cap at the bottom (eave edge) of the roof. If the framers install the Gray Hawk before the roofers arrive, they should keep the fasteners at least three inches from the bottom of the roof, so that the roofers can properly slip the drip cap under the Gray Hawk. Drip cap should lap over the Gray Hawk along the eaves. This will prevent windblown rain from getting under Gray Hawk, and will help prevent wind damage to Gray Hawk before the shingles are installed. If ice dam protection will be installed along the eaves, first lap a 4 or 6 inch piece of flashing tape from the deck to the fascia, covering any cracks. Install drip cap over the flashing tape. Begin your ice dam protection by placing the leak barrier over the top of the drip cap, and extend up the roof. Gray Hawk should extend at least 4 inches over the top edge of the leak

***If it doesn't say Gray Hawk on the roll, it's not Gray Hawk.
Gray Hawk has legendary traction. Don't settle for imitations!!!***



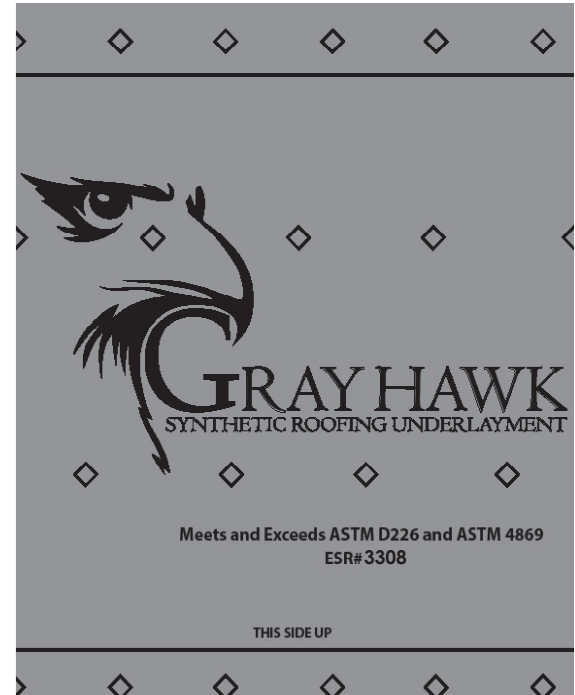
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Fastening Gray Hawk to the Deck

- 1.** The correct location for fasteners is clearly printed on the surface of Gray Hawk Synthetic Underlayment. For normal application, place a nail in every other of the printed diamonds.
- 2.** *Fasteners for Gray Hawk should be concentrated in the horizontal laps*, where they will pass through two layers of material. When using regular roofing nails or large-head cap nails, fasteners should be spaced every 9 inches in the seams and staggered every 18 inches along two rows in the field of the underlayment.
- 3.** Regular roofing nails with a 3/8" head provide the best protection against water infiltration, and are our preferred fastener for most Gray Hawk applications. One inch cap nails may be used when required by code or if unusually high winds are forecast, but are typically unnecessary.
- 4.** Gray Hawk may be left exposed for up to 90 days using regular roofing nails or cap nails.
- 5.** For extended periods of time or steep-sloped roofs, twice as many nails may be installed by placing fasteners in every other of the printed diamonds printed on Gray Hawk.
- 6.** *Staples should only be used if Gray Hawk will be covered with shingles the same day, or before any chance of rain.* Many types of staples will allow water to penetrate Gray Hawk around the shanks of the staples. If you install Gray Hawk with staples, ***you should assume some water will infiltrate past the staples*** and get under the Gray Hawk and into the building. Place most of the staples along the horizontal seams where there will be two layers of Gray Hawk. Place only a few staples in the field of Gray Hawk.
- 7.** Gray Hawk may be installed routinely on slopes over 4/12. Extra fasteners may be used along the top of Gray Hawk for slopes over 8/12 to provide additional security for walking. For slopes between 2/12 to 4/12, Gray Hawk must be double-layered. Begin by cutting a roll of Gray Hawk longwise. Attach this half roll along the eaves, then install a full roll directly over the half roll. Continue up the roof by lapping each new roll halfway over the preceding roll, resulting in a double layer of Gray Hawk covering the whole roof. For installation under 4/12 vertical seams should be taped or lapped at least 24", and should be staggered at least 48".

Precaution, Safety, Storage and Handling

- **Gray Hawk Synthetic Underlayment is not a substitute for safe roofing practices.**
- Always wear fall protection when working on a roof.
- Read all product labels and material safety data sheets (MSDS) for proper handling and disposal
- Store all materials under cover.
- Testing Partner QAI Laboratories



Nailing Pattern For Gray Hawk In Normal Conditions Using Regular Roofing Nails or Cap Nails

Specifications

Roll Size	48" x 250	60" x 200
Weight per roll	22 lbs	22 lbs
Roll Size	10 sq	10 sq
Rolls per pallet	56	56

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