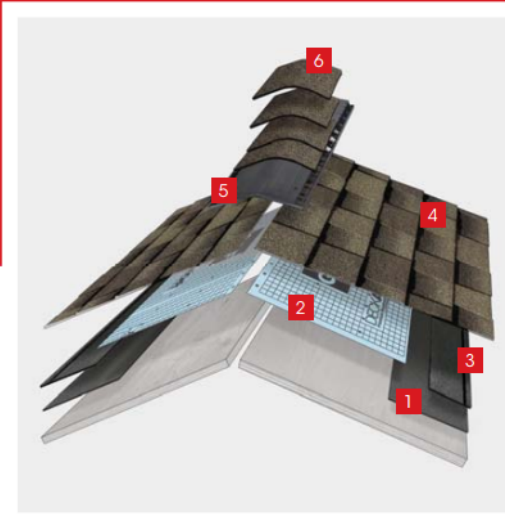


GAF Roof Protection Options



Leak Barrier
Helps prevent leaks caused by wind-driven rain and ice dams



Starter Strip Shingles
Helps guard against shingle blow-offs



Cobra® Attic Ventilation
Helps reduce attic moisture and heat



Roof Deck Protection
Helps shield the roof deck from moisture infiltration



Lifetime Shingles*
Beautify and protect for years to come



Ridge Cap Shingles
The finishing touch that helps defend against leaks at the hips and ridges

Roof Deck Protection

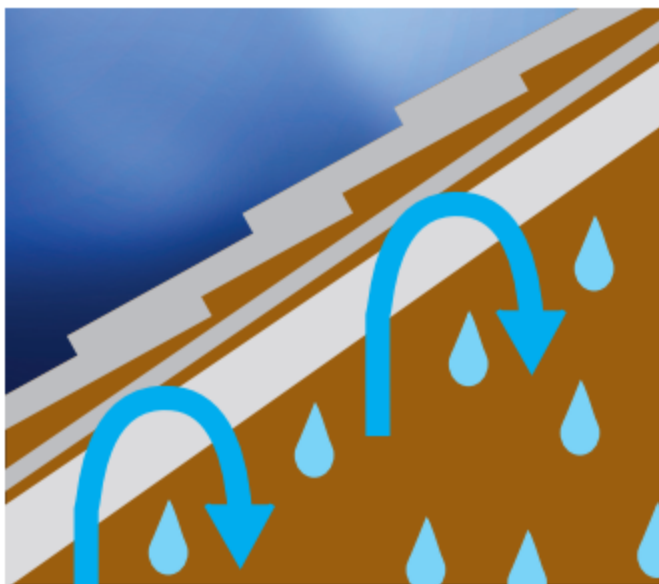
Enhance the layer of protection between your roofing shingles and roof deck.

DECK-ARMOR

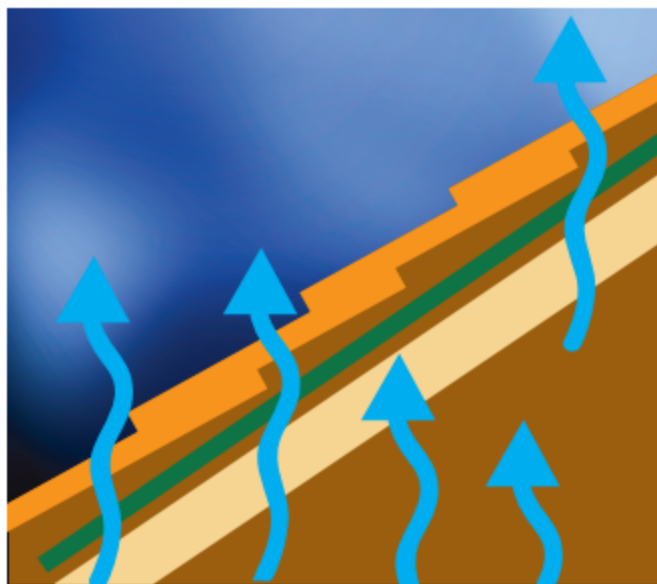
A premium, breathable, UV-stabilized polypropylene underlayment that helps protect your home against wind-driven rain infiltration and helps reduce trapped moisture in your roofing system that can cause mold, mildew, and expensive structural damage. Avoids wrinkling and buckling for a better looking finished roof.



GAF recommends the use of roof deck protection that helps reduce moisture that can be trapped under the roof's shingles!



Typical
"non-breathable" synthetic underlayments can trap harmful moisture



Deck-Armor™
Premium Breathable Roof Deck Protection allows excess moisture to escape

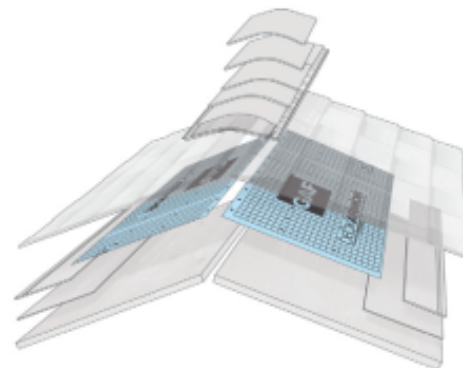
TIGER PAW

A premium, UV-stabilized polypropylene underlayment that provides a critical extra layer of protection between your shingles and your roof deck to help prevent wind-driven rain from infiltrating and causing damage. Avoids wrinkling and buckling for a better looking finished roof.



FELTBUSTER

A non-asphaltic, polypropylene roofing underlayment that helps to prevent wind-driven rain from infiltrating under the roof's shingles. Avoids water absorption that can lead to ugly wrinkling that "telegraphs" through the shingles.

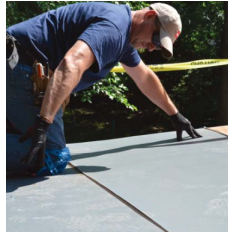


Leak Barriers (valleys)

Helps prevent leaks at the most vulnerable areas of your roof: eaves and rakes, in valleys, and around chimneys and skylights, which guards against leaks caused by wind-driven rain, ice dams, backed-up gutters, and roof settling. Reduces the risk of costly repairs due to leaks. Meets code requirements where local building codes require the use of leak barriers.

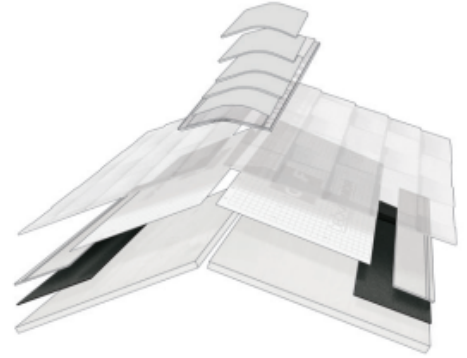
STORMGUARD

Film-surfaced leak barrier.



WEATHERWATCH

Mineral-surfaced leak barrier.



Ridge Cap Shingles

TIMBERTEX

NOTE: pre-order requires 3wks ship time

A premium, double-layer ridge cap shingle with extra-large 8" (203 mm) exposure that helps provide a dramatic look to your finished roof.

Wind warranty: up to 130mph.

SEAL-A-RIDGE (standard)

Protective Ridge Cap Shingles

Wind warranty: up to 90mph.

See What Timbertex® Can Do for Your Roof



Starter Strip Shingles (eaves)

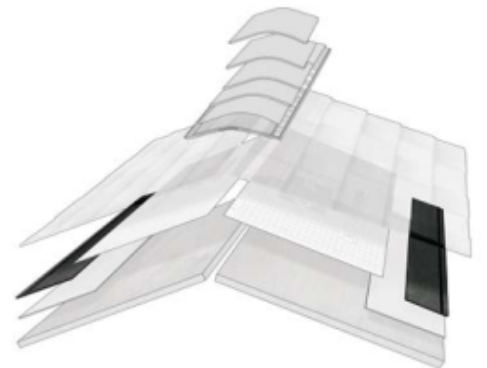
Help guard against shingle blow offs. A cost-effective alternative to using cut-up strip shingles as your starter course. Made with a high-quality, factory-applied adhesive that will tightly lock your shingles in place.

WEATHERBLOCKER

Premium eave starter strips. Properly positioned Dura Grip Adhesive helps to lock down the roof edges at the eaves to reduce the risk of shingle blow off.

PRO-START (standard)

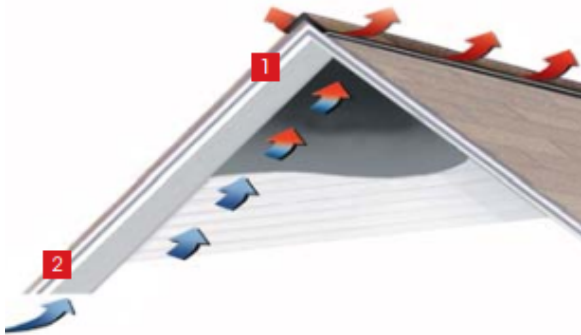
Eave/rake starter strip shingles.



Ventilation

COBRA RIGID VENT 3 (standard)

Premium rigid-style vent with 3" (76 mm) ring shank nails. Available in warmer climates.



1. Warm, moist air escapes attic through **Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge** (installed under ridge cap shingles)
2. Fresh air enters attic through intake vent at soffit or eave

Powered Attic Vents



MASTER FLOW GREEN MACHINE HIGH-POWER SOLAR ROOF VENT (upgrade +\$400+\$100 labor)

Provides exhaust ventilation and helps reduce cooling costs. Up to 750 Cubic Feet Per Minute (CFM) for excellent airflow



MASTER FLOW GREEN MACHINE SOLAR-POWERED ECOSMART ROOF VENT (upgrade +\$300+\$100 labor)

Up to 500 Cubic Feet Per Minute (CFM) in solar operation



MASTER FLOW POWER ATTIC VENT - ERV6 ROOF MOUNT (upgrade +\$150+\$100 labor+electrical service)

1,500 CFM roof-mounted power attic vent with thermostat that helps reduce damaging heat and moisture from your attic. Shingle-match Weathered Wood Galvanized Steel

Flat Roof Materials

LIBERTY SBS Self-Adhering Cap Sheet

A durable, modified bitumen membrane designed for use as a waterproofing membrane and reinforced with a polyester mat, which is coated with a polymer-modified asphalt. 10 year warranty.



Other Accessories

Roof Vent Boot Guard

Heavy-Duty protection from squirrels and pests for your lead vent covers. Features 0.2 inch top slots, 1/4 inch thick UV resistant polypropylene. Mounting hardware included.



Skylights

Fixed Curb Mount Skylight with Tempered Glass



- Tempered glass for strength and safety if it ever breaks it will fall into small particles rather than sharp shards
- Powder coated exterior for consistent finish that protects from corrosion
- High performing LoE-240 Argon-filled glass for energy savings
- .062" extruded aluminum exterior with welded corners for extra durability
- Pre-finished white wood interior to match existing ceiling and for added convenience
- Oversized to fit most curbs

Fixed Self-Flashing Skylight with Tempered Glass



Mounting Types

Curb mount requires a box built with 2x4's on the roof. Self Flashing set ups sit directly on the deck of the roof.

Skylight Tunnels: Angled, Splayed and straight

Skylight Sizes: in stock sizes include 2'x2' and 2'x4'. All other sizes are special orders and take about 3 to 4 weeks to arrive.

Building Light Tunnel

In structures that have a space between the ceiling and the roof such as an attic or crawl space, a light tunnel must be built. Nailers of 2" x 4" must be used to frame the opening between the roof header and the ceiling header. These will be used for attaching the finishing material, i.e., drywall, wall board, plywood, etc. The light tunnel should be wrapped with insulation for optimum performance. Select the desired shaft, and frame accordingly.

ANGLED SHAFT
An angled shaft is required when the skylight cannot be positioned directly above the area to be lighted because of existing pipes, electrical wiring, duct work, or roof limitations such as ridges or valleys. Locate the skylight as close to the desired areas as possible, and then build the shaft on an angle to the ceiling opening.

SPLAYED SHAFT
The splayed shaft is used to permit the greatest light exposure. This is done by making the ceiling opening larger than the roof opening.

STRAIGHT SHAFT
A straight shaft from the roof to ceiling can be used. If the roof is flat the ceiling and roof openings will be the same dimension. With a pitched roof, however, the roof opening will be slightly larger than the ceiling opening.

Indicates 2"x4" Headers

Size	Rough Opening width x length
1430	14.5" x 30.5"
1446	14.5" x 46.5"
2222	22.5" x 22.5"
2230	22.5" x 30.5"
2246	22.5" x 46.5"
4622	46.5" x 22.5"
2269	22.5" x 69.5"
3030	30.5" x 30.5"
3046	30.5" x 46.5"
4646	46.5" x 46.5"