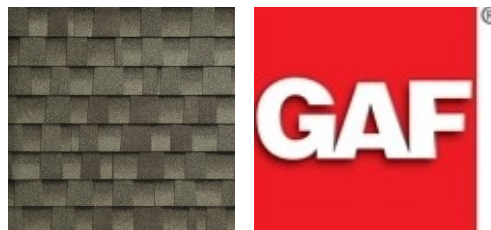


PRODUCT INFORMATION SHEET

Timberline HD® Reflector Series™ Shingles

The Cool Roof You Need. The Quality You Trust.



PRODUCT INFORMATION

"The Cool Roof You Need with the Distinctive Style You Crave!"

Timberline HD® Reflector Series™ Shingles Provide These Unique Benefits:

- **Timberline HD® Reflector Series™ Shingles** meet the prescriptive requirements of 2013 Title 24, Part 6 of the California Code of Regulations
- **Timberline HD® Reflector Series™ Shingles** are rated by the Cool Roof Rating Council and meet the Los Angeles Green Building Code
- **Beautiful Look...** Features GAF's proprietary color blends and enhanced shadow effect for a genuine wood-shake look
- **High Performance . . .** Designed with Advanced Protection® Shingle Technology, which reduces the use of natural resources while providing excellent protection for your home (visit gaf.com/aps to learn more)
- **Stays In Place . . .** Dura Grip™ Adhesive seals each shingle tightly and reduces the risk of shingle blow-off. Shingles warranted to withstand winds up to 130 mph (209 km/h).¹
- **Highest Roofing Fire Rating . . .** UL Class A, Listed to ANSI/UL 790
- **Peace Of Mind . . .** Lifetime Ltd. transferable warranty with Smart Choice® Protection (non-prorated material and installation labor coverage) for the first ten years²

¹This wind speed coverage requires special installation; see *GAF Shingle & Accessory Ltd. Warranty* for details.

²See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. Warranty* and means as long as the original individual owner(s) of a single-family detached residence [or the second owner(s) in certain circumstances] owns the property where the shingles are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable.

COLORS/AVAILABILITY

- **COLORS:** Charcoal, Stone Gray, Hickory, Aged Chestnut, Birchwood, Coastal Slate, Copper Canyon, Golden Amber, Sagewood, and Sandalwood
- **AVAILABILITY:** California

APPLICABLE STANDARDS & APPROVALS

- ANSI/UL 790, Class A
- ASTM D7158, Class H
- ASTM D3161, Class F
- Can be used to comply with Title 24 roofing product requirements
- ASTM D3018 Type 1
- ASTM D3462
- ICC Evaluation Reports ESR-1475, ESR-3267
- Texas Department of Insurance
- Rated by the Cool Roof Rating Council (CRRC)
- Meets Los Angeles Green Building Code

PRODUCT/SYSTEM SPECIFICS†

- Fiberglass Asphalt Construction
- Dimensions (approx.): 13 1/4" x 39 3/8" (337 x 1,000 mm)
- Exposure: 5 5/8" (143 mm)
- Bundles/Square: 3
- Pieces/Square: 64
- Nails/Square: 256 (384 where 6 nails per shingle are required)^{††}
- Hip/Ridge: Ridglass[®] Premium Ridge Cap Shingles 10"
- Starter: Pro-Start[®] Eave/Rake Starter Strip Shingles, WeatherBlocker[™] Premium Eave/Rake Starter Strip Shingles, and QuickStart[®] Peel and Stick Starter Roll

[†]Refer to complete published installation instructions.

^{††}Required by some local codes and required for enhanced wind coverage on certain products.

INSTALLATION

Detailed installation instructions are provided on the inside of each bundle wrapper of Timberline HD[®] Shingles. Installation instructions may also be obtained at www.gaf.com.