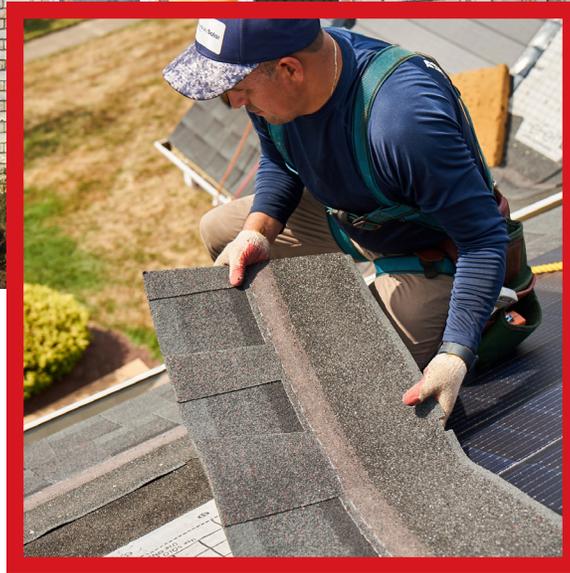




Timberline Solar HDZ™

High Definition® Lifetime† Shingles



Timberline Shingle performance for your GAF Energy roof

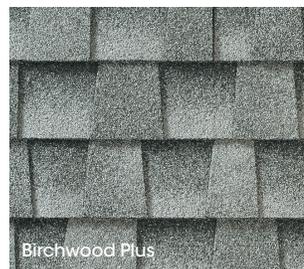
Timberline Solar HDZ™ Shingles are engineered to integrate with the industry's first nailable solar shingles to create a durable, beautiful, and reliable roofing system — that generates energy.

Timberline Solar HDZ™ Shingles

Benefits:

- **Stays in Place** — Dura Grip™ Adhesive seals each shingle tightly and reduces the risk of shingle blow off.
- **Peace of Mind** — Lifetime¹ limited transferable warranty with Smart Choice® Protection (non-prorated material and installation labor coverage) for the first ten years
- **25-year StainGuard Plus™ Algae Protection Limited Warranty** against blue-green algae discoloration.² Proprietary GAF Time-Release Algae-Fighting Technology helps protect your shingles from unsightly stains.
- **For the best look** — use TimberTex® Premium Ridge Cap Shingles or TimberCrest® Premium SBS-Modified Ridge Cap Shingles

Colors:



For use with:



Product details:

Product/System Specifics

- Fiberglass asphalt construction
- **Dimensions (approx.):** 17 1/8" x 40" (435 x 1016 mm)
- **Exposure:** 7 9/16" (192mm)
- **Bundles/Square:** 3
- **Pieces/Square:** 48
- **25-year StainGuard Plus Algae Protection Limited Warranty²**
- **Hip/Ridge:** TimberTex®; Seal-A-Ridge®
- **Starter:** WeatherBlocker™ or starter of equivalent size

Applicable Standards & Protocols:

- UL Listed to ANSI/UL 790 Class A
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018, Type 1
- Meets ASTM D3462¹
- Florida Product Approval FL10124-R32
- Meets Texas Department of Insurance Requirements
- Classified by UL in accordance with ICC-ES AC438
- Listed by the Cool Roof Rating Council (CRRC) and can be used to comply with 2019 Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations (Plus Colors Only)
- Meets the cool roof requirements of the Los Angeles Green Building Code (Plus Colors Only)

Installation:³

- Detailed installation instructions are provided on the inside of each bundle wrapper of Timberline Solar HD™ Shingles. Installation instructions may also be obtained at gaf.com.

¹ Definition of Lifetime: The word "Lifetime" means as long as you, the original owner(s) [or the second owner(s) if coverage was properly transferred during the Smart Choice Protection Period], own the property where the shingles are installed. The Lifetime warranty is applicable only to shingles and accessories installed on a single-family detached residence owned by individuals. For any other type of owner or building, such as a corporation, governmental entity, religious entity, condominium or homeowner association, school, apartment building, office building, or multi-use structure, the length of the warranty is 40 years. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

² Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

³ 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions and qualifying products.

⁴ Refer to complete published installation instructions.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.



Energy from every roof™