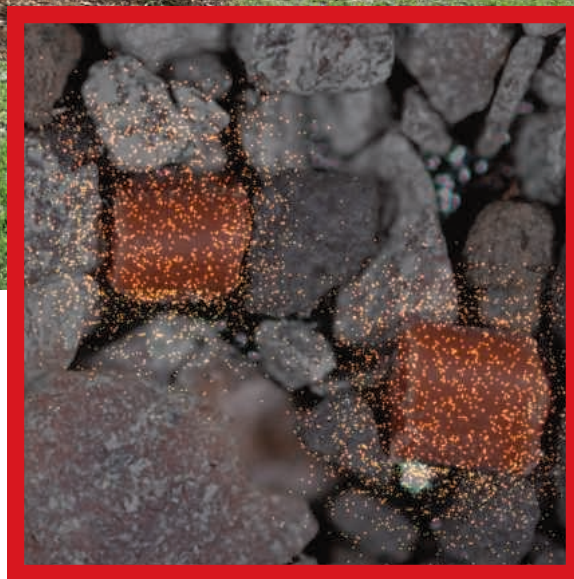


GAF Advanced Algae Protection



Algae-fighting technology no one else has

Protect your roof investment with algae resistance so powerful it allows us to offer 25- and 30-year limited warranties against blue-green algae discoloration.

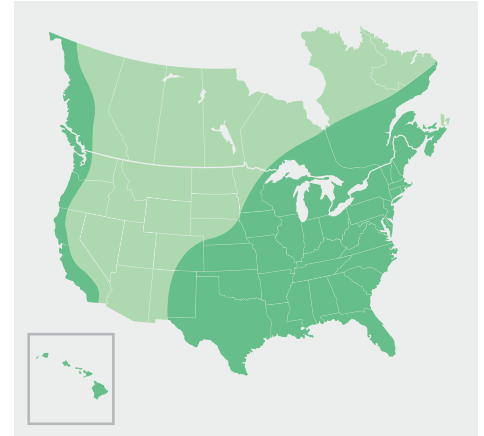


GAF Advanced Algae Protection

The Challenge: Blue-Green Algae Discoloration

Over 80% of North American homes are exposed to blue-green algae (*Gloeocapsa magma*).

- This blue-green algae surrounds itself with a dark shell to protect itself from the sun, leaving black stains and streaks on perfectly good roofs
- Many traditional algae-resistant shingles use granules containing a layer of algae-fighting copper that gets released onto the roof when it's wet
- As the roof ages, those granules release less copper, reducing the shingle's algae resistance



Blue-green algae occurs throughout North America, posing a greater problem in areas with high humidity.

■ Danger zone ■ Moderate problem

The Response: GAF Time-Release Algae-Fighting Technology

Proprietary to GAF, our Time-Release Algae-Fighting Technology features specially engineered capsules infused with thousands of copper microsites.

- These breakthrough capsules release algae-fighting copper efficiently, over time, for long-lasting algae-fighting power
- This industry-first technology allows us to offer 25- and 30-year limited warranties against blue-green algae discoloration on qualifying GAF products*



GAF products with 25-year StainGuard Plus™ Algae Protection Limited Warranty*:

Timberline® Shingles

Timberline HDZ®
Timberline® AS II
Timberline HDZ® RS

Designer Shingles

Grand Sequoia®
Grand Sequoia® AS
Grand Sequoia® RS
Camelot® II
Slateline®
Woodland®

Ridge Cap Shingles

Seal-A-Ridge®
Seal-A-Ridge® AS
TimberCrest®
TimberTex®
Z® Ridge

Starter Strip Shingles

StarterMatch®

Want longer algae protection?

Timberline UHDZ® Shingles are packed with 10% more Time-Release Algae-Fighting Technology than our best-selling shingles, powering the **30-year StainGuard Plus PRO™ Algae-Protection Limited Warranty** only on Timberline UHDZ®.

Visit gaf.com/AlgaeProtection

*25-year StainGuard Plus™ and 30-year StainGuard Plus PRO™ Algae Protection Limited Warranties (as indicated) against blue-green algae discoloration are available only on products sold in packages bearing the StainGuard Plus™ or StainGuard Plus PRO™ logos. See GAF Shingle & Accessory Limited Warranty for complete coverage, restrictions, and qualifying products.

We protect what matters most™



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