

ArmorShield® Series

Color shown: Weathered Wood



Rubber-like flexibility to help protect your home against the elements

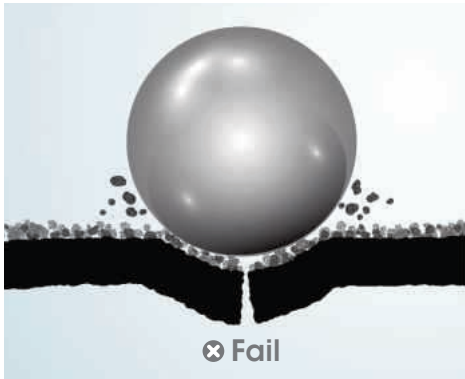
Timberline® AS II and Grand Sequoia® AS Shingles are made with our proprietary SBS-modified asphalt formulation and pass UL's toughest impact-resistance test — UL 2218 Class 4.

ArmorShield® SBS-Modified IR Shingles

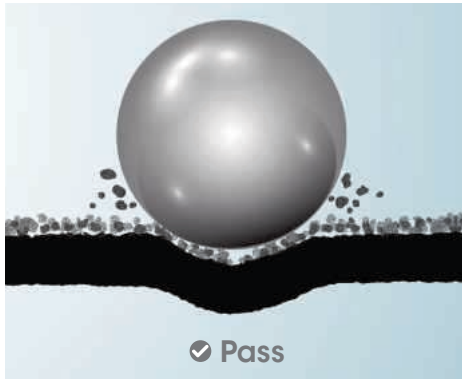


UL 2218 Class 4 Impact-Resistance Test

A 2" steel ball is dropped twice from a 20-foot height onto various target locations to evaluate the shingles' ability to withstand the impact.



Results on a standard shingle:
Evidence of visible ruptures or cracks through the shingle immediately after impact.



Results on a Class 4 shingle:
No evidence of ruptures or cracks through the shingle immediately after impact.

GAF ArmorShield® Series Shingles meet UL's highest impact-resistance rating

- **Strength:** Shingles that passed this test were able to withstand the impact of a steel ball that caused cracks and ruptures through other shingles.
- **Climate Flexibility:** Timberline® AS II's rubber-like SBS-modified asphalt provides excellent flexibility that enhances resistance to cracking and allows AS II shingles to lay flatter in colder temperatures² when compared to our standard asphalt shingle. AS II's proprietary SBS-modified asphalt provides excellent granule adhesion per ASTM testing standards.³ This makes Timberline® AS II shingles an easy to handle and dependable option for use in varying climates.
- **Potential Insurance Savings:** Shingles that pass the UL 2218 Class 4 Impact-Resistance Test may qualify for insurance discounts.¹

For products that pass the test, learn more about GAF ArmorShield® SBS Modified IR Shingles



Visit gaf.com/ArmorShield

¹ Insurance discounts may not be available in your area. Where available, insurance discounts may vary. Contact your insurance provider for information.

² In temperatures of 40° or higher.

³ Testing based on ASTM D4977 granule-adhesion test.

⁴ 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.

SBS-modified asphalt is the key to ArmorShield® Shingle performance

SBS polymer-modified asphalt technology helps protect your home from the elements. Polymer modification makes asphalt more durable, rubber-like, and super-flexible — to help reduce stress when impacted. When this material is used to make roofing shingles, it results in a shingle with excellent flexibility and durability, plus increased impact resistance.

So before you decide on which IR shingle to install on your home, make sure to ask the question: Does it have SBS?



GAF Time-Release Algae-Fighting Technology and the 25-Year StainGuard Plus™ Algae Protection Limited Warranty

Specially-engineered capsules are infused throughout with thousands of copper microsites, which release copper steadily over time, for long-lasting algae-fighting power. It's algae resistance so powerful it allows us to offer a 25-year StainGuard Plus™ Algae Protection Limited Warranty.⁴

We protect what matters most™

