

Cascade™

Technical Data Sheet



Cascade™ is a high-performance laminated fiberglass shingle designed for durability and aesthetic appeal. Manufactured with a high-quality glass mat saturated in asphalt and coated with mineral granules, it is available in multiple colors. The unique design of this shingle provides strength and weather resistance.

Technical Specifications

Weight per square (nominal)	349 lbs
Weather Exposure	4 1/2"
Offset	5"
Shingles per square	80
Bundles per square	5
Bundles per pallet	30

Warranty*

Original Homeowner	Limited Lifetime
Subsequent Homeowners	50 Years (fully transferable)
Non-Prorated Coverage	20 Years
Wind Resistance (110/130 mph)	15 Years
Algae Defender (algae resistance)	20 Years

*Single Family Residence only.

For Other Structures, registration information, etc., visit <https://pabcoroofing.com/warranty/>.

For available colors and other details, visit <https://pabcoroofing.com/cascade/>.

Certifications

- ASTM D3462 – Standard for Asphalt Shingle w/ Fiberglass and Mineral Granules
- ASTM D3018 – Standard for Class A Asphalt Shingle (Type I)
- ASTM D3161 – Wind Resistance Fan-Induced Test Method (Class F)
- ASTM D7158 – Wind Uplift Resistance Test Method (Class H)
- UL 790 / ASTM E108 – Fire Resistance Test Method (Class A)
- UL 2218 – Standard for Impact Resistance of Prepared Roof Covering Materials (Class 4)
- CAN/ULC-S107 – Standard for Methods of Fire Tests of Roof Coverings
- CSA A123.5 – Standard for Made From Glass Felt and Surfaces With Mineral Granules

Compliance

- ESR-1717 – Compliance Verification for Asphalt Shingles (ICC-ES Report)

For installation instructions and other details, visit the <https://pabcoroofing.com/technical-documents/>.

