

**Question: Is Lightning Attracted to a Steel Roof?**

**Answer:** There is absolutely no increased likelihood of your home being struck by lightning if you have a stone coated steel roof. If lightning does strike a stone coated steel roof, the energy safely dissipates throughout the roof surface, and can exit into the ground.  
(Metal Construction Association (MCA) Technical Bulletin 6.2018 [http://www.MetalConstruction.org/Tech-Resources#lightning\\_best\\_practices](http://www.MetalConstruction.org/Tech-Resources#lightning_best_practices))

**Question: Are metal roofs noisy?**

**Answer:** The Unified Steel™ stone coated roof install method creates a sound and temperature “buffer zone” of dead air space. No additional sound proofing is necessary as the stone granule coating provides an additional sound deadening layer over the panel surface further helping to dissipate the noise from a torrential rainstorm.

**Question: How Durable is a Stone Coated Steel roof?**

**Answer:** Galvalume®\* coated steel has been proven to provide a significantly longer service life than galvanized steel. Galvalume®\* steel combines the corrosion protection of aluminum with the sacrificial protection of zinc, using the advantages of both metals. The result is an alloy coating that enhances corrosion resistance, making it an ideal material for exterior building cladding such as roofing. Therefore, Unified Steel™ roofing panels are backed with a 50-year limited warranty.

*\*Galvalume® is a registered Trademark of BIEC Intl., Inc.*

**Question: How will a Stone Coated Steel roof perform in extreme weather?**

**Answer:** All Unified Steel™ roofing panels are rated to Class 4 Hail Impact Resistant performance\*\*, the best rating available for roofing products. Our material is warranted for hail up to 2-1/2” inches in diameter and winds up to 120 mph\*\*, helping protect your home while adding peace of mind. \*\*Refer to the Resources section of our website [www.WestlakeRoyalRoofing.com](http://www.WestlakeRoyalRoofing.com)

**Question: How Long Has Stone-Coated Steel Roofing Been Around?**

**Answer:** They were created after World War II when tar & sand was used to cover galvanized steel bunkers. The practice was commercialized, and the first roofs were produced. Stone coated steel roofs have been protecting buildings for over 60-years, but the product technology today bears little resemblance to early practices due to advances in the chemistry of coatings and acrylics.

**Question: Can A Steel Roof Be Energy Efficient?**

**Answer:** A properly vented stone coated steel roof improves airflow between the panels and the roof deck. Heated air can dissipate through the ridgeline as cooler air is drawn through eave vents. The product’s profile shape can provide “Above Sheathing Ventilation” (ASV) that can help reduce energy bills by keeping the home cooler in summer and warmer in winter.

**Question: Can You Walk on A Steel Roof?**

**Answer:** Unified Steel™ roofs are press-formed into a shape and designed to withstand foot traffic during the install process. However, caution should be exercised to be safe with ladder tie-off and fall protection as needed. Our website link below provides a detailed Maintenance Guide for Boral Steel® roofs. (Located in the Resources section under steel <https://www.WestlakeRoyalRoofing.com>)

**Question: What is a stone coated steel roof?**

**Answer:** Unified Steel™ roof panels are press-formed from Galvalume®\* steel and are coated with a proprietary basecoat acrylic polymer adhesive that enables the specially graded, natural granite stone granules, (from 3M Corporation) to be embedded into the basecoat, creating a UV resistant stone coating over the steel panel’s exposed surface. The result is a modular roof system designed to blend perfectly with any architecture while providing world-class protection for your home from the elements. \*Galvalume® is a registered Trademark of BIEC Intl., Inc.

**Question: Is A Steel Roof Fire Safe?**

**Answer:** Unified Steel™ has been tested as a Class A roofing material when installed over certain underlayment’s. The resulting roof assembly with stone coated steel panels interlocked across the roof surface creates a fire- resistant barrier in fire prone regions.

**Question: How Long Does It Take to Install A Steel Roof?**

**Answer:** Usually only a few days. The complexity of the building’s roof is the primary factor in determining the time required.

**Question: What’s the Installed Weight of a Unified Steel™ Roof in Comparison to Other Products?**

**Answer:** SOURCE: [www.RoofOnline.com/weight-of-roofing-materials](http://www.RoofOnline.com/weight-of-roofing-materials)

PRODUCT*	WGT. PER SQ. (1-Sq. = 100Sq.-Ft)
Unified Steel™ Stone Coated Steel Roofing	150 lbs.
Asphalt Shingles (3-Tab)	230 lbs
Wood Shake (#-1, 16: Dry Weight)	199 lbs
Asphalt Shingles Heavy Weight Laminated	305 lbs
Clay / Concrete Tiles	600 – 1,100 lbs