



When considering stone veneer for your project, two key items to consider are: appearance and longevity.

The stone veneer's longevity, how the product weathers, is primarily determined by the product's physical properties – the raw materials that make the stone. Because the stone in each region of the United States varies from one region to another, the stone veneer composition varies widely from manufacturer-to-manufacturer and region-to-region. It is based on what raw materials are available in that area. Given their location, Centurion Stone uses Shale, rather than Pumice, to produce their veneer products. The use of Shale contributes to its ability to meet or exceed ASTM standards.



WHY THE AGGREGATE MATTERS

In the Ozarks, we have a wide range of temperature shifts from season to season – from below 0° in the winter to over 100° in the summer. These extreme temperature shifts are especially hard on building exteriors in two key areas – “expansion/contraction” and “freeze/thaw”:

- A) When materials get cold, they contract and when materials get hot, they'll expand.
- B) When water freezes in the cracks of building materials, it expands. This expansion acts like a wedge, widening the crack. Over time, hair-line cracks can become a source that allows moisture beneath the surface to create damage.

Due to the shale aggregate composition, Centurion Stone products offer superior performance and greater longevity than many competitors' products – all because of the aggregate.

Centurion Stone's aggregate materials deliver greater density, compressive strength, absorption resistance and overall durability. They are designed to provide decades of trouble-free wear, even in challenging climates.

LOOKS AS GOOD AS IT LASTS

Hand-crafted coloring techniques ensure that Centurion Stone products mimic the random appearance and shading of natural stone. They're available in a broad selection of colors and patterns. With minimal routine care, they show little or no change in color even after years of weathering.



TECHNICAL ADVANTAGES

Centurion Stone products exceed testing standards in several of the most important categories, outperforming many other brands and types of materials.



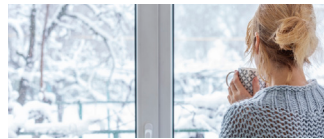
LOW MOISTURE ABSORPTION

Centurion's absorption rate is 38% lower than AC51 requirements (Test standard: ICCES AC51 Section 4.6).



EXCELLENT COMPRESSION STRENGTH

Centurion stone veneer's compression strength is 7849 PSI, over 4 times stronger than AC51 standards (ASTC C39 & C192).



BETTER INSULATION

The insulative quality of an average thickness of Centurion Stone (1.5 to 3 inches) is equal to 9 inches of common brick, or 15 inches of natural stone (ASTM C177-71).



SHEAR RESISTANCE

The shear bond strength of Centurion Stone is tested at 160 lbs./sq. in., over 3 times AC51 requirements. (ASTM C482)

Fireproof – Centurion Stone will not contribute to smoke or flame development (ASTM E84-08A).



A COMMITMENT TO QUALITY FOR OVER 50 YEARS

Founded in 1969, Centurion Stone is one of the oldest and most-trusted stone veneer manufacturers in the world... and it remains the #1 choice, with over 250 million sq. ft. of stone produced so far. All their products are produced at one plant location, to help ensure ongoing quality control.