

## Technical Data

Creative Mines Craft Stone veneer products are manufactured to meet or exceed specifications for all major code approvals. Independent testing confirms compliance with ICC-ES AC51 for Precast Stone Veneer. Always check with your local building codes before installing stone.

*Supporting test data is available upon request. For additional information please visit: [www.CreativeMines.us](http://www.CreativeMines.us)*

### Ingredients:

- |                           |                 |
|---------------------------|-----------------|
| 1. Portland Cement        | ASTM C150       |
| 2. Mineral Oxide Colors   | ASTM C979       |
| 3. Light Weight Aggregate | ASTM C33 / C330 |

Creative Mines Craft Stone is subjected to rigorous testing to ensure product quality.

Test	ASTM Standard	Requirement	Creative Mines
Compressive Strength	ASTM C39	Product strength must be greater than 1800 psi.	Compressive Strength is two times the minimum Requirement. <b>In excess of 3,800 psi</b>
Compressive Strength Mortar	ASTM C109	Mortar used for Bond Strength Tests.	Meets requirement. In excess of 1700 psi
Tensile Strength	ASTM C190	The results for any one sample cannot vary by more than 10% from the avg of all samples.	Meets requirement. In excess of 250 psi
Flexural Strength	ASTM C348	The results for any one sample cannot vary by more than 10% from the avg of all samples.	Meets requirement. In excess of 2.6 MPa
Shear Bond Strength	ASTM C482	The shearing strength must be a minimum of 50 pounds per square inch.	Meets requirement. In excess of <b>65 psi</b> for Type N mortar and in excess of <b>100 psi</b> for high bond mortars.
Water Absorption	AC 51-Sect 4.6	Precast stone veneer units must comply with the water-absorption requirements in Table 2 of AC51.	Meets pre-cast water-absorption requirements of Table 2 of AC51. Absorption is <b>less than 17.5%</b>
Freeze-Thaw Durability	ASTM C67	Test samples must not break or disintegrate, & weight loss is limited to 3 percent of original weight after 50 freeze-thaw cycles.	Exceeds Freeze-thaw minimal requirements for allowable weight loss with <b>0% disintegration</b> and No visible cracks in stone.
Weight	AC51-Sect. 4.1	The average saturated weight must not exceed 15 pounds per square foot.	Meets maximum allowable weight requirement. The average saturated weight per unit area is calculated at <b>10.6 lbs/ft<sup>2</sup></b>

**Color Retention:** Only permanent mineral oxide colors are used to ensure color longevity.