

Product Testing

Tuscan Stoneworx employs strict policies and procedures in the manufacturing and testing of our products. All products are blended and batched at our facility under the meticulous supervision of our quality control team. An in-house testing department certifies all raw materials entering the plant, as well as performs slump, flow, unit weight, air content, compressive, flexural, and spreadability test on our finished goods. Our commitment to quality control and focus on innovation through research and development keeps Tuscan Stoneworx at the forefront of architectural stone solutions.

Test	Method	Results	Notes
Accelerated Weathering*	ASTM G 155	Passed	2,000 Hours
Freeze/Thaw Resistance*	ICC AC 219	Passed	10 Cycles
Water Absorption*	ASTM C1185	< 4%	Passed
Tensile Adhesion	ASTM C297	25 PSI	Minimum 15 PSI
Water Resistance*	ASTM D 2247	Passed	Passed 14 Days
Salt Spray*	ASTM B 117	No Deleterious Effect	Passed at 300 Hours
Surface Burning Characteristics	ASTM E84	0 Flame Spread / 0 Smoke Develop	Passed
Compressive Strength	ASTM C39	< 7,000 PSI	Passed
Flexural Strength	ASTM C 1185/1186	< 1,560 PSI	Passed

* No deleterious effects: No Cracking, Checking, Crazing, Erosion, Rusting, Blistering, Peeling or Delaminating.
 ** Ultimate load capacity. Apply appropriate safety factor. Ultimate load capacity depends on several factors, including the adhesive, the sheathing type, the shearing fastening pattern and structural capacity of the supporting wall system (stud size/gauge/spacing/depth and connections).

