

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).

