



CENTURION[®] STONE

AC51 TESTING DATA

Centurion Stone is engineered to meet or exceed specifications for all major code acceptance. This report presents the result of laboratory testing of stone veneer manufactured by Centurion Products[®] as specified in the ICC Evaluation Service Acceptance Criteria 51 for precast stone veneer.

| TESTED FOR | TEST RESULTS | AC51 REQUIREMENT | TESTED IN ACCORDANCE WITH |
|-------------------------------------|--------------|----------------------------------|---------------------------|
| DENSITY EQUILIBRIUM | 93 | AS REPORTED | ASTM C567 |
| FREEZE THAW | 1 | 50 CYCLES 3% OR LESS WEIGHT LOSS | ASTM C67 |
| COMPRESSIVE STRENGTH PSI | 7849 | GREATER THAN 1800 PSI | ASTC C39 AND C192 |
| FLEXURAL STRENGTH PSI | 1336 | 10% OR LESS VARIATION | ASTM C348 |
| TENSILE STRENGTH PSI | 463 | 10% OR LESS VARIATION | ASTM C190 |
| MOISTURE ABSORBPTION % | 11 | LESS THAN 18% | ICCES AC51 SECTION 4.6 |
| SATURATED WEIGHT LB/IN ² | 12 | | |
| SHEAR BOND LB/IN ² | 160 | GREATER THAN 50 PSI | ASTM C482 |
| THERMAL RESISTANCE | | REPORTED | R-VALUE ASTM C177-71 |
| SURFACE BURNING CHARACTERISTICS | 0 | RED OAK BOARD SCALE 100 | ASTM E84-08A |
| FLAMESPREAD | 0 | RED OAK BOARD SCALE 100 | NO APPARENT CHANGES |
| SMOKE DEVELOPED | 0 | RED OAK BOARD SCALE 100 | NO APPARENT CHANGES |

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