

TECHNICAL DATA



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 ABSORPTION %	11	LESS THAN 18 ¹	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

Corporate Headquarters

50 Van Buren St.

Nashville, TN 37208

(615) 256-6694 Fax (615) 726-1795

Centurion[®] Products, Inc.

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