

TECHNICAL DATA

ADHERED VENEERS



DUTCH QUALITY
STONE

Dutch Quality Stone is designed to meet or exceed building code requirements. Independent testing confirms compliance with ICC-ES Acceptance Criteria 51 and ASTM C1670, standard specification for Adhered Stone Veneer and ASTM C1670 standard specification for Adhered Manufactured Stone Masonry Veneer Units. Local building codes may vary by area. Always check with your local building authorities before installing stone. Supporting test data is available upon request. For additional technical information please visit: dutchqualitystone.com.

INGREDIENTS

Light weight aggregate ASTM C33, C330 and C331
Portland cement ASTM C150, ACI 318
Mineral oxide pigments ASTM C979

CODE ACCEPTABILITY & CERTIFICATION

UL Registered
Mineral composition units
Surface burning characteristics
Flame Spread 0
Smoke Developed 0
ICC-ES ESR 1942
ASTM C1670
CE Declaration of Conformity NR #290905-5

FREEZE-THAW DURABILITY

Tested in accordance with ASTM C666 & C1364
Less than 1.5 percent weight loss at 50 cycles; passed
Less than 5 percent weight loss at 300 cycles; passed

SHEAR BOND (ADHESION)

Tested in accordance with ASTM C482
Greater than 50 psi shear bond strength



ABSORPTION

Tested in accordance with ASTM C1670

SATURATED DENSITY

Tested in accordance with ASTM C1670
Weight less than 15 lbs. per sq. ft., saturated

THERMAL RESISTANCE

Tested in accordance with ASTM C177
R value: 0.528 (ft²-F-hr)/BTU at 1.48" thickness

COMPRESSIVE STRENGTH

Testing in accordance with C192 & C39
Compressive strength is greater than 2100 psi

WEIGHT PER SQUARE FOOT

Tested in accordance with ASTM C1670
All adhered veneer profiles weigh less than 15 lbs. per square foot

WIND LOAD TESTING

Tested in accordance with ASTM E330 at 150 mph wind speed; passed

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Westlake
Royal Stone Solutions™