

Technical Data

Adhered Veneers & Accessories

Eldorado Stone is designed to meet or exceed building code requirements. Independent testing confirms compliance with ICC-ES Acceptance Criteria 51 for Adhered Stone Veneer.

Supporting test data is available upon request.

Local building codes may vary by area. Always check with your local building authorities before installing stone.

For additional technical information please visit: www.eldoradostone.com

Ingredients

Light weight aggregate
Portland cement
Mineral oxide colors

Code Acceptability & Certification

UL Registered
Mineral composition units
Surface burning characteristics
Flame Spread 0
Smoke Developed 0
ICC ESR-1215
ICC ESR-1215 FBC Supplement
Los Angeles Research Report #25589
HUD Materials Release #910
ASTM C1670
CE Declaration of Conformity
NR #290905-5



Color Retention

Only permanent mineral oxide colors are used. No undesirable color change can be observed, even after years of weathering

Cost

The installed cost of Eldorado Stone is approximately 1/3 to 1/2 the total cost of natural stone

Freeze-thaw Durability

Tested in accordance with ASTM C666 & C1364
Less than 3 percent weight loss at 50 cycles
Less than 5 percent weight loss at 300 cycles

Shear Bond (Adhesion)

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

Absorption

Tested in accordance with section 3.1.4 & 4.6 of ICC-ES Acceptance Criteria 51

Density

Tested in accordance with ASTM C567
Shipping weight is approx. 9-11 lbs. per square foot

Thermal Resistance

Tested in accordance with ASTM C177
R value = 0.42 to 0.62 (ft² - F-hr)/BTU
K factor = 2.4-3.5 BTU-in/hr-ft²-F

Compressive Strength

Testing in accordance with C192 & C39
Compressive strength is greater than 1800 psi

Tensile Strength

Tested in accordance with ASTM C190

Flexural Strength

Tested in accordance with ASTM C348



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