



# TECHNICAL DATA

## Adhered Veneers

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.

*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.dutchqualitystone.com](http://www.dutchqualitystone.com)*

### INGREDIENTS

Light weight aggregate ASTM C33, C330 & 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 (ft<sup>2</sup>-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

[www.dutchqualitystone.com](http://www.dutchqualitystone.com)  
877-359-7866

