Flex Bricks

Technical Data

Flex Bricks products are designed to meet or exceed building code requirements. Independent testing confirms compliance with ICC ES Acceptance Criteria 51 and ASTM C1670, Standard Specification Flex Bricks.

Supporting test data is available upon request.

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

For additional technical information please visit: www.AllThingsStone.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 1215
HUD Materials Release #910
ASTM C1670

— *Freeze-thaw Durability* —

Tested in accordance with ASTM C1670
Less than 1.5 percent weight loss at 50 cycles; passed

— *Shear Bond (Adhesion)* —

Tested in accordance with ASTM C1670
Greater than 50 psi shear bond strength

— *Absorption* —

Tested in accordance with ASTM C1670, ICC ES Acceptance Criteria 51 & ASTM C140

— *Saturated Density Weight per Sq.Ft.* —

Tested in accordance with ASTM C1670
Weight less than 3 Kg . per sq. ft., saturated

— *Thermal Resistance* —

Tested in accordance with ASTM C177
R value: 0.62 (ft^2-F-hr)/BTU at 1.5" thickness

— *Compressive Strength* —

Testing in accordance with ASTM C1670
Compressive strength is greater than 2100 psi

— *Wind Load Testing* —

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

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