

## SPECIFICATIONS & TECHNICAL DATA

### PRODUCT DESCRIPTION

Cluster Stone is a concrete façade with a super-hard outer shell designed to replicate natural stone to be used on exterior and interior walls. Cluster Stone is intended for non-structural use and can be applied to walls, wood frame, steel, or masonry.

### Sizes & Shapes

Cluster Stone varies in size, shape, and colour. Visit [www.fbsupplies.ca](http://www.fbsupplies.ca) for information on each stone pattern.

### PRODUCT SPECIFICATIONS

#### BGB BRICK

Coverage: .18 sq ft/piece  
 Thickness: 15 mm approx.  
 Kgs/sq. ft: 1.90 approx  
 Dimensions: 8.75"x3" (LxH)

#### SMOOTH BRICK

Coverage: .17 sq ft/piece  
 Thickness: 15 mm approx.  
 Kgs/sq. ft: 3.2 approx  
 Dimensions: 7.5"x2.25" (LxH)

#### SLIVER BRICK

Coverage: .16 sq ft/piece  
 Thickness: 17 mm approx.  
 Kgs/sq. ft: 3.00 approx  
 Dimensions: 12" x 2" (LxH)

### TECHNICAL DATA – CLUSTER STONE

Flex Building Supplies is designed to meet or exceed building code requirements. Independent testing confirms compliance with ASTM C1670.

Supporting test data is available upon request. Local building codes may vary by area. Always check with your local building authorities before installation.

For additional technical information please visit: [www.fbsupplies.ca](http://www.fbsupplies.ca).

### COMPOSITION & INGREDIENTS

#### Ingredients

Light weight aggregate ASTM C33/C330/C331  
 Portland Cement C150/ACI318  
 Mineral oxide pigments ASTM C979

#### Code Acceptability & Certification

ASTM C1670

#### Freeze-thaw Durability

Tested in accordance with ASTM C1670  
 Method: ASTM C67  
 Result: Less than 1.5 percent weight loss at 50 cycles; passed

#### Shear Bond (Adhesion)

Tested in accordance with ASTM C1670/C482/C1670M  
 Greater than 50 psi shear bond strength



#### Absorption

Tested in accordance with ASTM C1670 and ASTM C140

#### Saturated Density - Weight per Square Foot

Tested in accordance with ASTM C1670/C140/C140M Weight less than 3 Kg. per sq. ft., saturated

#### Compressive Strength

Testing in accordance with ASTM C1670/C1670M  
 Compressive strength is greater than 2100 psi

#### Wind Load Testing

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