

# REPORT OF TEST

Test 1: ASTM C 97 Water Absorption, Density and Specific Gravity of Marble Dimension Stone

## Test Results

**Specimen:** Honeycomb Calcite

	Density (lb/ft <sup>3</sup> )	Specific Gravity	Absorption (%)
Average	170.00	2.724	.030

## Requirements

### **Absorption**

Required	0.20% maximum
Honeycomb Calcite	.030%

### **Density**

Honeycomb Calcite:	170 lb/ft <sup>3</sup> , minimum
Calcite:	162 lb/ft <sup>3</sup> , minimum
Dolomite:	175 lb/ft <sup>3</sup> , minimum
Serpentine:	168 lb/ft <sup>3</sup> , minimum
Travertine:	144 lb/ft <sup>3</sup> , minimum

Test 2: ASTM C 99 Modulus of Rupture of Marble Dimension Stone

## Test Results

**Specimen:** Honeycomb Calcite

<b>Average</b>
1011 psi

## Requirements

### **Modulus of Rupture**

1000 psi, minimum
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Test 3: ASTM C 170 Compressive Strength of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

<b>Average</b>
7841 psi

**Requirements**

**Compression Strength**

7500 psi, minimum
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Test 4: ASTM C 241 Abrasion Resistance of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

	<b>Bulk Specific Gravity</b>	<b>Abrasion Resistance</b>
<b>Average</b>	2.729	8.21 psi

**Requirements**

**Abrasion Resistance**

10.0 psi, minimum
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Test 5: ASTM C 880 Flexural Strength of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

<b>Average</b>
369 psi

**Requirements**

**Flexural Strength**

1000 psi, minimum
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Test 3: ASTM C 170 Compressive Strength of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

<b>Average</b>
7841 psi

**Requirements**

**Compression Strength**

7500 psi, minimum
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Test 4: ASTM C 241 Abrasion Resistance of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

	<b>Bulk Specific Gravity</b>	<b>Abrasion Resistance</b>
<b>Average</b>	2.729	8.21 psi

**Requirements**

**Abrasion Resistance**

10.0 psi, minimum
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Test 5: ASTM C 880 Flexural Strength of Marble Dimension Stone

**Test Results**

**Specimen:** Honeycomb Calcite

<b>Average</b>
369 psi

**Requirements**

**Flexural Strength**

1000 psi, minimum
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