

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 ³)	Specific Gravity	Absorption (%)
Average	170.00	2.724	.030

Requirements

Absorption

Required	0.20% maximum
Honeycomb Calcite	.030%

Density

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

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

Test Results

Specimen: Honeycomb Calcite

Average
1011 psi

Requirements

Modulus of Rupture

1000 psi, minimum

Test 3: ASTM C 170 Compressive Strength of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

Average
7841 psi

Requirements

Compression Strength

7500 psi, minimum

Test 4: ASTM C 241 Abrasion Resistance of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

	Bulk Specific Gravity	Abrasion Resistance
Average	2.729	8.21 psi

Requirements

Abrasion Resistance

10.0 psi, minimum

Test 5: ASTM C 880 Flexural Strength of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

Average
369 psi

Requirements

Flexural Strength

1000 psi, minimum

Test 3: ASTM C 170 Compressive Strength of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

Average
7841 psi

Requirements

Compression Strength

7500 psi, minimum

Test 4: ASTM C 241 Abrasion Resistance of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

	Bulk Specific Gravity	Abrasion Resistance
Average	2.729	8.21 psi

Requirements

Abrasion Resistance

10.0 psi, minimum

Test 5: ASTM C 880 Flexural Strength of Marble Dimension Stone

Test Results

Specimen: Honeycomb Calcite

Average
369 psi

Requirements

Flexural Strength

1000 psi, minimum
