Krukowski STONE CO., INC.

# *material testing results*

## Sandy Creek
## Highland Brown
## Glacier Bay

Material Type: Quartzitic Sandstone
Material Class: Metamorphic

| | | |
|---|---|---|
| ASTM C97-96 | Dry Density | 158.7 pcf |
| ASTM C97-96 | Bulk Specific Gravity | 2.54 |
| ASTM C97-96 | Absorption | 0.5% |
| ASTM C99-87 | Modulus of Rupture | 1,850 psi |
| ASTM C170-90 | Compressive Strength | 17,700 psi |
| ASTM C67-94 | Freeze-Thaw Weight Loss | <0.5% |
| ASTM C241-90 | Abrasion Resistance | 63.8 |
| | Mohs Hardness | 6-7 |

| ASTM C1028-89 | Coefficient of Friction: | |
|---|---|---|
| **FINISH TYPE** | **DRY** | **WET** |
| Sawn | 0.873 | 0.688 |
| Polished | 0.558 | 0.473 |
| Thermal | 0.896 | 0.783 |
| Tapestry | 0.889 | 0.722 |
| Bush Hammer | 1.000 | 1.050 |

## Chestnut
## Cambrian Cream

Material Type: Quartzitic Sandstone
Material Class: Metamorphic

| | | |
|---|---|---|
| ASTM C97-96 | Dry Density | 158.7 pcf |
| ASTM C97-96 | Bulk Specific Gravity | 2.54 |
| ASTM C97-96 | Absorption | 0.5% |
| ASTM C99-87 | Modulus of Rupture | 1,850 psi |
| ASTM C170-90 | Compressive Strength | 17,700 psi |
| ASTM C67-94 | Freeze-Thaw Weight Loss | <0.5% |
| ASTM C241-90 | Abrasion Resistance | 63.8 |
| | Mohs Hardness | 6-7 |

| ASTM C1028-89 | Coefficient of Friction: | |
|---|---|---|
| **FINISH TYPE** | **DRY** | **WET** |
| Sawn | 0.873 | 0.688 |
| Polished | 0.558 | 0.473 |
| Thermal | 0.896 | 0.783 |
| Tapestry | 0.889 | 0.722 |
| Bush Hammer | 1.000 | 1.050 |

## Aqua Blue
## Aqua Grantique

Material Type: Granitic Gneiss
Material Class: Metamorphic

| | | |
|---|---|---|
| ASTM C97-96 | Dry Density | 189.3 pcf |
| ASTM C97-96 | Bulk Specific Gravity | 3.03 |
| ASTM C97-96 | Absorption | 0.0% |
| ASTM C293-94 | Modulus of Rupture | 2,910 psi |
| ASTM C170-90 | Compressive Strength | 22,710 psi |
| ASTM C67-94 | Freeze-Thaw Weight Loss | <0.5% |
| | Mohs Hardness | 7 |

| ASTM C1028-89 | Coefficient of Friction: | |
|---|---|---|
| **FINISH TYPE** | **DRY** | **WET** |
| Sawn | .728 | .733 |
| Polished | .594 | .539 |
| Thermal | .859 | .754 |
| Tapestry | .911 | .846 |
| Bush Hammer | .800 | .900 |

## Carmel Cream

Material Type: Quartzitic Sandstone
Material Class: Metamorphic

| | | |
|---|---|---|
| ASTM C97-96 | Dry Density | 145.8 pcf |
| ASTM C97-96 | Bulk Specific Gravity | 2.34 |
| ASTM C97-96 | Absorption | 2.2% |
| ASTM C293-94 | Modulus of Rupture | 1,765 psi |
| ASTM C170-90 | Compressive Strength | 15,860 psi |
| ASTM C67-94 | Freeze-Thaw Weight Loss | <0.5% |
| | Mohs Hardness | 6-7 |

| ASTM C1028-89 | Coefficient of Friction: | |
|---|---|---|
| **FINISH TYPE** | **DRY** | **WET** |
| Sawn | .940 | .806 |
| Bush Hammer | 1.000 | 1.060 |

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