



### Technical Specs – 1.5” Bluestone Patio Stone

|                                    |                               |
|------------------------------------|-------------------------------|
| Absorption test 48 hours           | 1.21%                         |
| Compressive strength across strata | 18,255 pounds per square inch |
| Compressive strength with strata   | 12,388 pounds per square inch |
| Flexural strength across strata    | 2,977 pounds per square inch  |
| Flexural strength with strata      | 2,180 pounds per square inch  |
| Abrasion, Thermal face Abrasion,   | 28.2                          |
| Natural Cleft Specific Gravity     | 11.2                          |
| Weight per cubic foot              | 2.604                         |
|                                    | 162.5 pounds                  |

#### Qualification

Weight: 167lbs per cubic foot

Compressive Strength: 18,255lbs per square inch

Mod of Rupture: PAR/PL 2486 ASTM/C99

PERP/PI 1977 ASTM/C99

Abrasive Hardness: 18 to 32 ASTM C-241-51

Water Absorption: 1.21%-48 hrs. ASTM C-121-48

Slipperiness (Wet/Dry): Thermal face – 28.2

Natural Cleft – 11-2

#### Grade:

| Composition | Chemical             | PerCent |
|-------------|----------------------|---------|
| S102        | Silicon Dioxide      | 72.80   |
| A12 O3      | Aluminum Oxide       | 12.20   |
| Fe2 O3      | Iron Oxide (Ferris)  | 1.92    |
| CaO         | Calcium Oxide (Lime) | .70     |
| FeO         | Iron Oxide (Ferrous) | 2.50    |
| MgO         | Magnesium Oxide      | 1.20    |
| K2O         | Potassium Oxide      | 2.40    |
| Na2O        | Sodium Oxide         | .85     |
| CO2         | Carbon Dioxide       | 0       |
| Ca CO3      | Calcium Carbonate    | 0       |
| Fe CO3      | Iron Carbonate       | 1.16    |



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