



Natural Stone Solutions™

"Real Stone for Real Professionals"™

www.nssthinstone.com

Specifications – Squared

November-09

Blue Ridge Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 162.7 lbs./cu. ft.

Absorption (ASTM C97): 1.08%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 14,482 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 18,386 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 2,856 psi

Canyon Trail Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Chardonnay Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 165.0 lbs./cu. ft.

Absorption (ASTM C97): 0.72%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 16,610 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 10,770 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 650 psi

Chestertown Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 163.5 lbs./cu. ft.

Absorption (ASTM C97): 0.28%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 25,850 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 16,040 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 830 psi



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Hudson Squared™

Geology: Granite

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 166.1 lbs./cu. ft.

Absorption (ASTM C97): 0.27%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 5,985 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 4,580 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 2,264 psi

Katavah Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Lincoln Creek Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 165.0 lbs./cu. ft.

Lancaster Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 165.0 lbs./cu. ft.

Absorption (ASTM C97): 0.72%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 16,610 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 10,770 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 650 psi



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Old Prairie Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 163.5 lbs./cu. ft.

Absorption (ASTM C97): 0.28%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 25,850 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 16,040 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 830 psi

Rio Verde Squared™

Geology: Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 162.7 lbs./cu. ft.

Absorption (ASTM C97): 1.08%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 14,482 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 18,386 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 2,856 psi

Shawnee Mountain Squared™

Geology: Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 156 lbs./cu. ft.

Absorption (ASTM C97): 1.9%

Compressive Strength (ASTM C170): 16,550 psi

Flexural Strength (ASTM C880): 1,580 psi



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Statesville Squared™

Geology: Quartzitic Sandstone

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 163.5 lbs./cu. ft.

Absorption (ASTM C97): 0.28%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 25,850 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 16,040 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 830 psi

Yukon Range Squared™

Geology: Granite

Thickness: 0.75"-1.75"

Size Range: 4"-10" heights, 6"-18" lengths

Weight: Typically 13 lbs./sq. ft.

Density (ASTM C97): 174.8 lbs./cu. ft.

Absorption (ASTM C97): 0.28%

Compressive Strength (ASTM C170): Parallel to Rift (dry) 5,919 psi

Compressive Strength (ASTM C170): Perpendicular to Rift (dry) 9,750 psi

Modulus of Rupture (ASTM C99): Perpendicular to Rift (dry) 2,053 psi