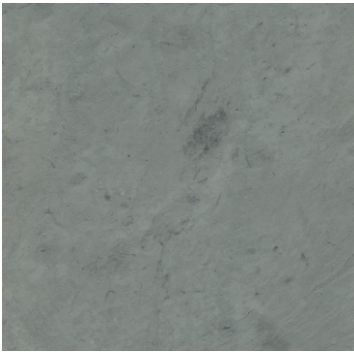


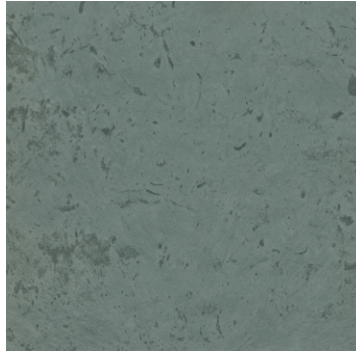
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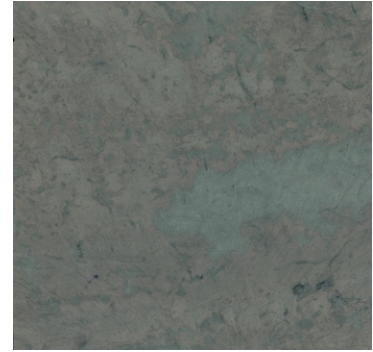
Colors Supplied



Green



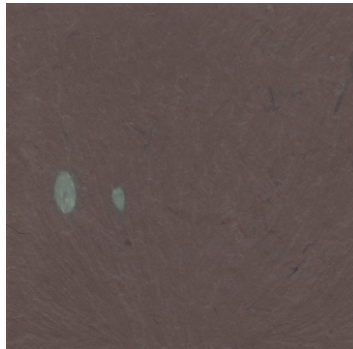
Dark Green



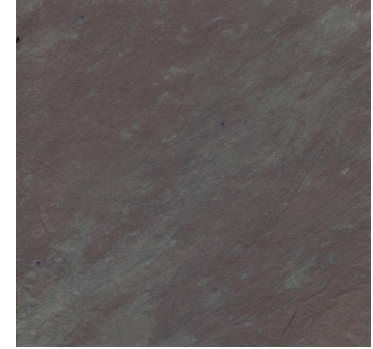
Mottled Purple



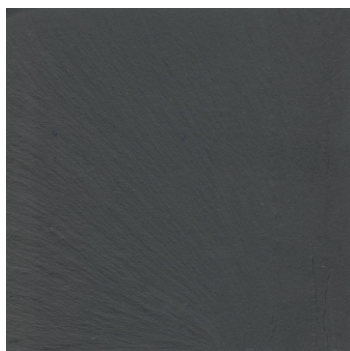
Red



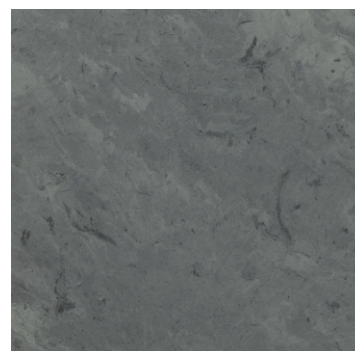
Purple



Variegated Purple



Black



Grey

Non Fading Materials

Our Slate is non-fading and shows no undesirable change in color even after years of weathering.

N.Y. Phone: 518- 642-1280 Fax: 518-642-9085
Maine Phone: 207-997-3615 Fax: 207-997-2966
Visit our web site at: www.sheldonslate.com

Sheldon Slate Products, Inc.
P.O. Box 199
Middle Granville, N.Y. 12849

Sheldon Slate

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Genuine Slate

ASTM standard C119 defines slate as a "microcrystalline metamorphic rock derived from shale and composed of mica's, chlorite and quartz. These minerals have a sub parallel orientation and thus impart strong cleavage to the rock, which allows the latter to be split into thin, but tough sheets.

Genuine Slate is a metamorphic stone with very distinctive properties and performance criteria. Slate counter tops, Slate sinks and Slate flooring are just three examples of how genuine slate may be used.

Regardless of the name given to a type of stone, or the source location of that stone, the material should be tested to determine it's suitability for interior or exterior use and the type of application.

*AMST Designation C 629-89 Slate Dimension Stone**

Property	Test Requirements	Classifications	ASTM Test Methods
Absorption	0.25 0.45	1 Exterior 11 Interior	C121
Modulus of rupture Mpa Across grain	9000[62.1] 9000[62.1]	1 Exterior 11 Interior	C120
Along grain	7200[49.6] 7200[49.6]	1 Exterior 11 Interior	
Abrasion resistance	8.0 8.0	1 Exterior 11 Interior	C 241
Acid resistance	0.015[0.38] 0.025[0.64]	1 Exterior 11 Interior	

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Sheldon Slate Laboratory Test Results

Test	Grey Green	Red	Mottled	Variiegated	Black
<i>Modulus of Rupture</i> ASTM C120	Grain Orientation Parallel to Length 12,190 psi	Grain Orientation Parallel to Length 11,540 psi	Grain Orientation Parallel to Length 15,160 psi	Grain Orientation Parallel to Length 10,740 psi	Grain Orientation Parallel to Length 9,716 psi
	Grain Orientation Perpendicular to Length 9,910 psi	Grain Orientation Perpendicular to Length 8,990 psi	Grain Orientation Perpendicular to Length 9,090 psi	Grain Orientation Perpendicular to Length 10,650 psi	Grain Orientation Perpendicular to Length 8,0169.910 psi
<i>Modulus of Elasticity</i> ASTM C120	Grain Orientation Parallel to Length 14,851,000 psi	Grain Orientation Parallel to Length 14,542,000 psi	Grain Orientation Parallel to Length 14,110,000 psi	Grain Orientation Parallel to Length 11,185,000 psi	Grain Orientation Parallel to Length 12,400,000 psi
	Grain Orientation Perpendicular to Length 13,514,000 psi	Grain Orientation Perpendicular to Length 12,869,000 psi	Grain Orientation Perpendicular to Length 13,046,000 psi	Grain Orientation Perpendicular to Length 13,697,000 psi	Grain Orientation Perpendicular to Length N/A
<i>Water Absorption</i> ASTM C120	0.11%	0.08%	0.13%	0.14%	0.25%
<i>Weather Resistance</i> ASTM C217	0.002 in.	0.002 in.	0.002 in.	0.001 in.	0.008 in.
<i>Abrasion Resistance</i> ASTM C241	H3 = 10.2	H3 = 18.2	H3 = 9.0	H3 = 8.8	H3 = 8.7
<i>Coefficient of Friction</i> ASTM C1028	As Received Dry = 0.76	As Received Dry = 0.86	As Received Dry = 0.80	As Received Dry = 0.79	As Received Dry = N/A
	As Received Wet = 0.57	As Received Wet = 0.66	As Received Wet = 0.62	As Received Wet = 0.59	As Received Wet = N/A
	After Cleaning Dry = 0.75	After Cleaning Dry = 0.85	After Cleaning Dry = 0.78	After Cleaning Dry = 0.78	After Cleaning Dry = 0.79
	After Cleaning Wet = 0.58	After Cleaning Wet = 0.63	After Cleaning Wet = 0.63	After Cleaning Wet = 0.59	After Cleaning Wet = 0.8

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