





# American Granite™


A medium to coarse-grain, weathered granite featuring brown and earth tone surface colors with hand-split faces showing a blend of blue, burgundy, pink, green, brown, black and white. Mica flecks, along with garnet inclusions and quartz crystals, highlight a percentage of this stone.

ASTM DATA: Average results for ASTM tests C-97, C-99 and C-170.

Water Absorption %	C-97 Density (lbs./cu. ft.)	Specific Gravity	C-99		C-170	
			Modulus of Rupture Perpendicular	Modulus of Rupture Parallel	Compressive Strength Perpendicular	Compressive Strength Parallel
0.17	172.3	2.68	1,575 psi	1,184 psi	15,770 psi	13,061 psi



Description	Size	Facing Area	Coverage (average)	Packaged Weight
Mosaic Pattern-Random Material	Thickness 3"± to 5"±	1/4 sq. ft. to 3 sq. ft.	35-40 sq. ft. per ton	3,700-4,300 lbs.±
Roughly Squared/Roughly Rectangular	Thickness 3"± to 5"±	1/4 sq. ft. to 3 sq. ft.	35-40 sq. ft. per ton	3,700-4,400 lbs.±
Ashlar	Thickness 3"± to 5"± Height 4"± to 12"±	1/4 sq. ft. to 2 sq. ft.	35-40 sq. ft. per ton	3,600-4,400 lbs.±
Ledge Stone	Thickness 3"± to 5"±, Height 3"± to 5"± Length 4"± to 12"± (greater percentage 4"-7" range)		35 sq. ft. per ton	2,800-3,500 lbs.± 
Thin Ledge Stone	Thickness 2"± to 6"± Height 1"± to 3"±	up to 1/4 sq. ft.	35 sq. ft. per ton	1,700 lbs.+ 
<b>Flagging Stone:</b> Hand-selected irregular thickness as specified, roughly squared and many sided.	Thickness 1"± to 3"±	1/2 sq. ft. to 3 sq. ft.	70 sq. ft. per ton ±	3,400-3,900 lbs.±
<b>Wall Stone:</b> Natural face and broken-edge quarry rubble.	Thickness 4"± to 12"±	1/4 sq. ft. to 3 sq. ft.	see information below	3,600-4,200 lbs.±
Uniform Rise Wall Stone	Thickness 3"± to 5"±	up to 3/4 sq. ft. ±	see information below	2,700-3,400 lbs.± 
Thin Wall Stone	Thickness 1"± to 3"±	1/4 sq. ft. to 1 sq. ft.±	see information below	3,300-3,700 lbs.±
Paving Stone	Thickness 3"± to 5"±	1/4 sq. ft. to 3 sq. ft.	35-40 sq. ft. per ton	3,700-4,400 lbs.±
Step Slab Material	Thickness 6"± to 10"±	Random lengths and widths available		1½ to 2 plus tons
Landscape Boulders	Clusters of 50 lbs. to 300 lbs., or 500 lbs. +			1½ to 2 plus tons 

 - product ships in 4-sided crate (all others ship via low pallets)  
One trailer load = 12-15 low pallets

## Wall Stone Coverage Calculation

Natural building and landscaping stone is typically sold by the ton.

To calculate the amount of stone needed for constructing a stone wall, use this calculation guideline.

Determine the dimensions of the wall in inches and multiply **length x width x height = cubic inches** of wall; then **divide total by 1728** (cu. in./cu. ft.) = **cubic feet** of wall.

**Multiply cubic feet by 140 lbs.** (average packaged weight\* of Champlain Stone per cubic foot) = **pounds of stone**; **divide pounds of stone by 2,000** to give you the estimated tons of stone needed.

172.3 pounds per cubic foot  
2.33 tons per cubic yard

Important Note: This calculation is provided as a guideline only. Actual coverage will vary based on installation style and job conditions.

\* An average weight of 140 lbs. allows for airspace in packaging and varying joint widths, which will reduce the overall density of the cubic weight of the wall. Actual cubic weights for our stone products are noted at the bottom of each specification sheet.