





Van Tassell Granite®

A unique granite that combines a soft pallet of colors with the strength and texture consistent with our other products. Quarried from ledges deeply veined in New York's Dutch ancestry, Van Tassell Granite® features a blend of buff, pink, blue/green and brown with a granular texture featuring random speckling and striations.



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
0.27	165.8	2.66	2,620 psi	2,120 psi	24,000 psi	19,200 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	3,400-3,900 lbs.±
Roughly Squared/Roughly Rectangular	Thickness 3"± to 5"±	1/4 sq. ft. to 3 sq. ft.	35-40 sq. ft. per ton	3,700-4,300 lbs.±
Ashlar	Thickness 3"± to 5"± Height 4"± to 12"±	1/4 sq. ft. to 2 sq. ft.	35-40 sq. ft. per ton	3,700-4,200 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	3,000-3,400 lbs.± 
Thin Ledge Stone	Thickness 2"± to 6"± Height 1"± to 3"±	up to 1/4 sq. ft.	35 sq. ft. per ton	1500 lbs.+ 
Flagging Stone: 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 ±	3,300-3,600 lbs.±
Wall Stone: Natural face and broken-edge quarry rubble.	Thickness 4"± to 12"±	1/4 sq. ft. to 3 sq. ft.	see information below	3,500-4,000 lbs.±
Uniform Rise Wall Stone	Thickness 3"± to 5"±	up to 3/4 sq. ft. ±	see information below	2,600-3,200 lbs.± 
Thin Wall Stone	Thickness 1"± to 3"±	1/4 sq. ft. to 1 sq. ft.±	see information below	3,300-3,500 lbs.±
Paving Stone	Thickness 3"± to 5"±	1/4 sq. ft. to 3 sq. ft.	35-40 sq. ft. per ton	3,400-4,300 lbs.±
Landscape Boulders	Clusters of 50 lbs. to 300 lbs., or 500 lbs. +			1½ to 2 plus tons 

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.

165.8 pounds per cubic foot
2.24 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.