

Algonquin Limestone meets the requirements of Class 2 Medium density limestone. The results for Absorption, Modulus of Rupture and Compression meet the requirements for Class 3 high density limestone by a significant amount. The results for Density are just slightly below the required 160 lbs/ft.³ for Class 3 high density limestone. It is well above the 135 lbs/cu.ft. for Class 2 medium density limestone.

Given the excellent strength test results, we would have no hesitation in recommending this stone as an equivalent to Class 3 high density limestone.

Density: 156.7 lbs./cu.ft.

Absorption: 2.27%

Abrasion Resistance: Not Tested

Modulus of Rupture (parallel dry): 1871 psi

Modulus of Rupture (parallel wet): 1581 psi

Modulus of Rupture (perpendicular dry): 2336 psi

Modulus of Rupture (perpendicular wet): 1506 psi

Compressive Strength (parallel dry): 23753 psi

Compressive Strength (parallel wet): 22032 psi

Compressive Strength (perpendicular dry): 24264 psi

Compressive Strength (perpendicular wet): 20868 psi