

ASTM CLASSIFICATION FOR GRANITE

ASTM C615/C615M-18

Physical Requirements: Granite

PHYSICAL PROPERTY	TEST REQUIREMENTS	TEST METHOD(S)
Absorption by weight, max, %	0.40	C97 / C97M
Density, min, lb/ft ³ [kg/m ³]	160 [2,560]	C97 / C97M
Compressive strength, min, psi [MPa]	19,000 [131]	C170 / C170M
Modulus of rupture, min, psi [MPa]	1,500 [10.3]	C99 / C99M
Abrasion resistance, min, H _a ^{A, B}	25	C241 / C241M / C1353
Flexural strength, min, psi [MPa]	1,200 [8.3]	C880 / C880M

^A Pertains only to stone subject to foot traffic.

^B Abrasion resistance test method C1353 will eventually replace Test Method C241 / C241M and it is not necessary to perform both tests. Availability of the proper equipment and materials may determine which test is performed.