

Technical Specifications

STANDARD	UM	VAL.MED	STDEV.	VAL.MED.	STDEV.
EN 13755-08 Water absorption at atmospheric pressure	%	0.09	0		
EN 1936-07 Apparent density	Kg / m³	2710	5.5		
EN 1936-07 Open porosity	%	0.3	0.03		
EN 12372-07 Flexural strength under concentrated load (in natural conditions)	MPa	15.9	1.2		
EN 12371-03 (exposed to 48 frost cycles)	MPa	13.9	0.9		
EN 1926-07 Uniaxial compressive strenght	MPa	91.6	10.1		
EN 14231-04 Slip made stance (honed finish): (Dry) (Wet)	USVR USVR	59 47	3 3		
Test					
ASTM C97-09 Absorption	%	0.13			
ASTM C97-09 Bulk Specific Gravity	Pound / ft³ Kg / m³	169.18 2710			
ASTM C1353 Abrasion	Has	14.51	1.07		
ASTM C880-09 Flexural Strength	psi MPa	Dry 1.377 Dry 9.50	60 0.42	Wet 1,563 Wet 10.78	85 0.59
ASTM C99-09 Modulus of Rupture	psi MPa	Dry 1.375 Dry 9.48	73 0.51	Wet 1,719 Wet 11.85	56 0.38
ASTM C170-09 Compressive Strength	psi MPa	Dry 13,268 Dry 91.48	2,096 14.45	Wet 13,916 Wet 95.95	1,500 10.35