



Slabs of Natural Stone for External Paving					
BS EN 1341:2012					
Material:	Kentish Ragstone	Supplier:	Gallagher Aggregates		
Report Produced 18th October 2018					
Determination of Slip Resistance by Means of the Pendulum Tester - BS EN 14231:2003. Comparison to Table 1 UKSRG 2011					
Mean Slip Resistance Value (55 Slider) result less than <36 indicates Low Slip Potential					
Finish	Value	Condition	value	Condition	Classification based on pendulum test values (PTV)
Polished	62	Dry	41	Wet	Low Slip potential
Brushed	76	Dry	72	Wet	Low Slip Potential
Flamed	93	Dry	85	Wet	Low Slip potential
Acid Washed	97	Dry	91	Wet	Low Slip potential
Honed	68	Dry	69	Wet	Low Slip potential
Natural Stones - Determination of Abrasion Resistance - Method A BS EN 14157:2004					
BS5385 Part 5; 2009 Suitable for intensive use and heavily trafficked areas <23mm					
Mean Abrasion Value (Sawn Surface)			18 mm		
Measurement of Real Density and Apparent Density, and of Total and Open Porosity - BS EN 1936:2006					
Real Density	Mean		2740	kg/m ³	
Apparent Density	Mean		2590	kg/m ³	
Open Porosity	Mean		3.0	%	
Total Porosity	Mean		5.5	%	
Measurement of Flexural Strength - BS EN 12372:2006					
Mean Flexural Strength	14.6		Mpa		
Standard Deviation	2.0		Mpa		
Lower Expected Value	10.7		Mpa		
Mean Flexural Strength after 56 Freeze Thaw Cycles	13		Mpa		
Standard Deviation	1.8		Mpa		
Mean Flexural Strength (Unconditioned)	14.6		Mpa		
Percentage Change in Flexural Strength	-10.8		%		
Determination of Compressive Strength - BS EN 1926:1999					
Mean Compressive Strength	125		Mpa		
Standard Deviation	6		Mpa		
Lower Expected Value	113		Mpa		
Coefficient of Variation	0.05		Mpa		
Water Absorption - BS EN 13755:2008					
Water Absorption	1.1		%		
For full test report produced by Thameside Test & Research Limited contact Gallagher Aggregates Technical Department on 01622 726262					