



TECHNICAL DATA SHEET

NATURAL STONE

PRODUCT IDENTIFICATION		
	Commercial Designation: Casterbridge Portland Limestone	
	Description: Stone suitable for exterior and interior use in a variety of architectural situations	
	Petrographic Family: Limestone	
	Origin: UK	
	Format: Sawn paving, sawn on six sides, in sizes (not exceeding) 1200 x 750mm x 50mm thick	
European Standards: (for outside specifications only)	EN1341: Slabs	- Class 1 Marking P1, D1 & T1
		
Stoneworld Oxfordshire Ltd Views Farm, Great Milton, OX44 7NW		
Technical Characteristics	Testing Standards	Declared Values
Compressive Strength	BS EN 1926	47.97 MPa
Flexural Strength	BS EN 13161	5.86MPa
Breaking Load (@50mm thick)	BS EN 13364: 2002	2165N
Water Absorption	EN13755	5.58%
Density	BS EN1936	2196 Kg/m ³
Porosity	BS EN1936	18.56%
Saturation Co efficient	BS EN 1936	0.61
Salt Crystallisation	BS EN 12370	1.76%
Thermal Shock Resistance (% change in elastic modulus)	BS EN14066	4.51%
Water Absorption by Capillary	BS EN1925	59.41g/m ²
Abrasion Resistance	EN 14157	23.63
Slip Resistance (Pendulum Test)		Wet 73/Dry 85
Flexural Strength after Freeze Thaw Test (56 cycles)	BS EN12372 & 14066	4.16MPa