

Edlington - worn

Derbyshire Limestone

Hard and durable limestone with light bedding.

Please note - stone is a natural product and is subject to variation in colour, tone and texture. Below is a selection of photos showing typical variation we would expect from this stone type.



Country of origin	UK	
Geological type	Magnesium limestone	
Colour	Light Bronze-white	
Density	2150 kg/m ³	BSEN 1936
Compression strength	68.9 MPa 99.2 MPa (56 cycles) after freeze thaw	EN 722-1 EN 722-1
Open Porosity	24.7%	BSEN 1936
Durability - frost resistance	Tests confirming frost resistant post 168 cycles	BSEN 12372:2006
Flexural Strength under conc	8.7 MPa perpendicular to bed BSEN 12372 10.6 MPa (56 Cycles) perpendicular after freeze thaw BSEN 12372 8.3 MPa parallel to bed BSEN 12372 9.7 MPa (14 Cycles) parallel to bed after freeze thaw BSEN 12372 6.0 MPa (20 Cycles) parallel to bed after thermal shock BSEN 12372	
Breaking down at dowel hole	3050N BSEN 13364	
Specific heat capacity	1000 J/(Kg.K)	EN 12524
Water vapour resistance factor	Dry 200 Wet 150	EN 12524
Water absorption at atmospheric pressure	5.8% by mass	BSEN 13755
Water absorption by capillarity	102.3	EN 722-11
Slip Resistance	76 Dry 77 Wet	BSEN 14231
Abrasion Resistance	24.5mm	BSEN 14151
Design thermal conductivity	1.7W (m.k)-1	EN 12524

Technical data sheet



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