

Quarry Location:

Cadeby Quarry
Garden Lane
Doncaster
South Yorkshire, England

Sales:

Block Stone Limited
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Cadeby Beds 7-8



Technical Results

Description	Hard and durable limestone with intermittent bedding	
Country of Origin	UK	
Geological Type	Magnesium limestone	
Colour	Light Gold-white	
Density	2150 kg/m ³	BSEN 1936
Compressive Strength	68.9 MPa	EN 722-1
Compressive Strength	99.2 MPa (56 cycles) after freeze thaw	EN 722-1
Water Absorption at atmospheric pressure	5.8% by mass	BSEN 13755
Water Absorption by Capillarity	102.3	EN 722-11
Open Porosity	24.7%	BS EN 1936
Slip Resistance	76 Dry 77 Wet	BSEN 14231
Abrasion Resistance	24.5mm	BS EN 14151
Flexural Strength under conc. load:	8.7 MPa perpendicular to bed	BSEN 12372
	10.6 MPa (56 Cycles) perpendicular after freeze thaw	BSEN 12372
Flexural Strength under conc. Load:	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 load at Dowel hole	3050N	BSEN 13364
Design thermal conductivity	1.7W (m.k)-1	EN 12524
Specific Heat capacity	1000 J/(Kg.K)	EN 12524
Water vapour resistance factor:	Dry 200 Wet 150	EN12524
Average Block Size	1500L x 1000W x 700H	

Please note that stone is a natural product and all results are subject to variation