

Quarry Location:

Cadeby Quarry
Garden Lane
Doncaster
South Yorkshire, England

Sales:

Block Stone Limited
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Cadeby Bed 1



Technical Results

Description	Hard and durable limestone with light bedding	
Country of Origin	UK	
Geological Type	Magnesium limestone	
Colour	Light Bronze-white	
Density	2270 kg/m ³	BSEN 1936
Compressive Strength	83MPa	EN772-1
Compressive Strength	83.6 MPa (56 cycles) after freeze thaw	EN 722-1
Water Absorption at atmospheric pressure	5.8% by mass	BSEN 13755
Water Absorption by Capillarity	56.0	EN 722-11
Open Porosity	20.50%	BS EN 1936
Slip Resistance	Dry 78 Wet 76	BSEN 14231
Abrasion Resistance	25.0mm	BS EN 14151
Flexural Strength under conc. load:	9.5 MPa perpendicular to bed 8.9 MPa (56 Cycles) perpendicular after freeze thaw	BSEN 12372 BSEN 12372
Flexural Strength under conc. Load:	9.2 MPa parallel to bed 7.4 MPa (14 Cycles) parallel to bed after freeze thaw 9.3 MPa (20 Cycles) parallel to bed after thermal shock	BSEN 12372 BSEN 12372 BSEN 12372
Breaking load at Dowel hole	3150N	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