



Branshaw Quarry, Holme House Lane, Oakworth, Keighley, BD22 0QZ
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Branshaw Sandstone Characteristics

Petrographic Description

Very pale grey to greyish cream, fine to medium grained sandstone/gritstone, well to very well compacted, hard to very hard and robust.

Stone Properties

Property	Mean Value	Unit	Specimens tested in accordance with:	
Apparent Density	2390	Kg/m ³	BS EN 1936 : 2006	
Open Porosity	9.9	%	BS EN 1936 : 2006	
Water Absorbtion	2.7	%	BS EN 13755 : 2008	
Flexural Strength	16.1	MPa	BS EN 12372 : 2006 (Lev 16.1MPa)	
Frost Resistance	15.7	MPa	BS EN 12372 : 2006 (Lev 14.4MPa)	
Abrasion Resistance*	18	mm	BS EN 14157 : 2017	
Slip Resistance**	92 – Dry	78 - Wet	SRV	BS EN 14231 : 2003

*An Abrasion Resistance value of less than 23 is considered suitable for intensive use (Guidance from BRE IP10/100).

**A slip resistance value (SRV) of greater than 36 is generally considered of low slip potential (Guidance from the UK Slip Resistance Group, Issue 5, 2016). It should be noted that the slip resistance of surfaces in service can be altered by various factors such as abrasion, polishing and contamination.

Mineral Composition

Component	Volume % (estimated)
Quartz	75
Chlorite	10
Mica	5
Feldspar	10
Others (Zircon)	<<1
Opagues	<<1
Total	100

Full report is available on request, please contact george@ashlarstoneproducts.co.uk.

Source: Report 69455/G, Testing of Branshaw Sandstone by Sandberg LLP, London, SW4 7TD.

Date: June 2021