

Stoke Stoneworks Ltd
Stoke
Grindleford
Hope Valley
Derbyshire
S32 2HW

Stoke Hall Stone

Buff Gritstone, fine to medium grained

EN 771-6:2011

Category I Masonry for Domestic and Commercial use in
walls, columns and partitions

Apparent Density	2390kg/m ³ (mean value)
Compressive Strength (mean value)	78.2MPa (dry)
Flexural Bond Strength	0.14 N/mm ² Parallel 0.51 N/mm ² Perpendicular
Shear Bond Strength	0.15 N/mm ²
Open Porosity	13.9%
Water absorption by Capillarity	18.7 g/m ² s ^{0.5} (Parallel to bedding)
Freeze/Thaw Resistance (48 Cycles)	7.12 MPa (mean) (range) 5.77-7.92MPa
Thermal Conductivity	1.9 W/m.k
Reaction to Fire	Euroclass A1