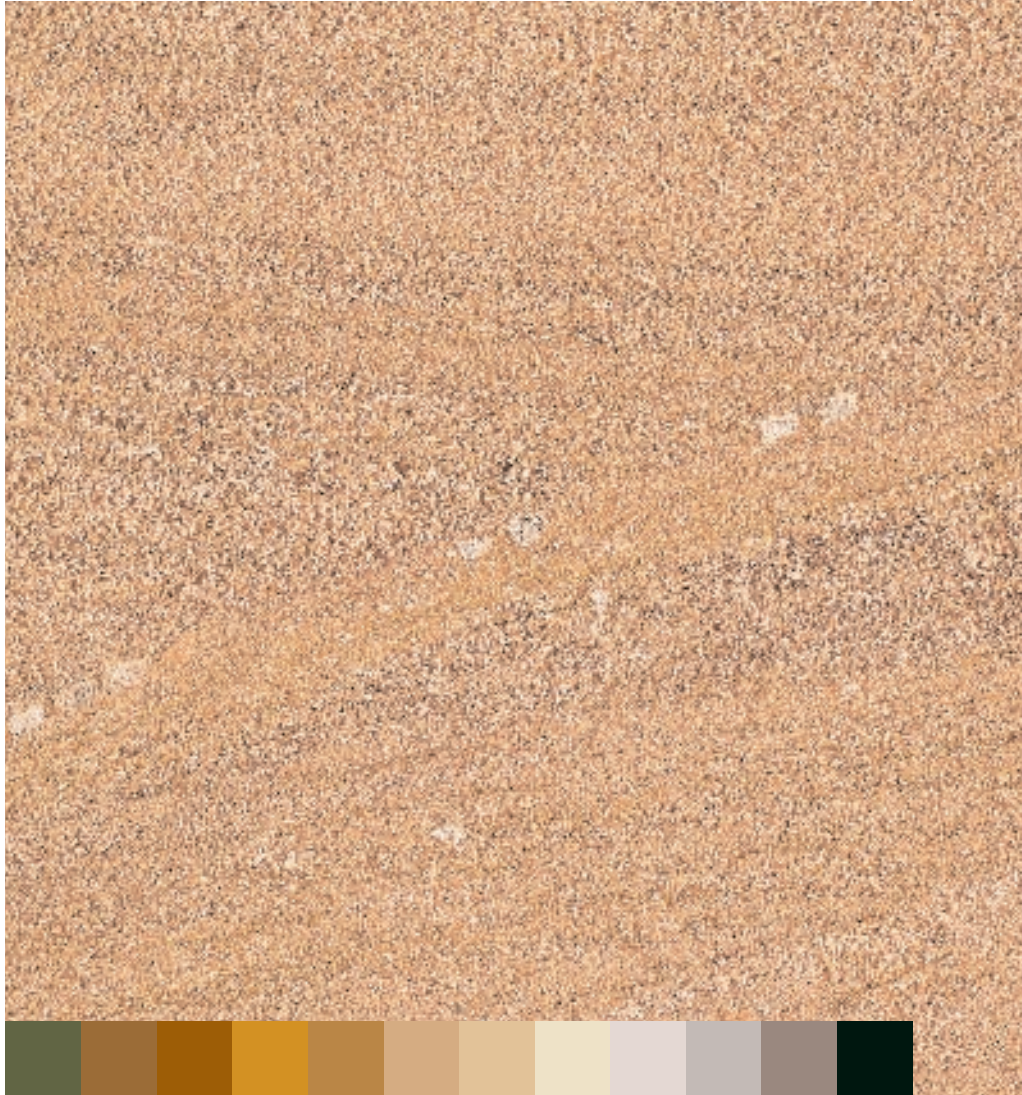


Halldale

Gritstone



Stone variations



A truly unique stone, Halldale is alive with pinks and buffs, which, when combined with the variation in grain size, results in a stone which gives the building a vitality hard to find elsewhere. The scope for the artist is vast and it is only limited by the imagination.

Halldale exhibits a range of colours and textures that, with sensitive and informed treatment, will reward the designer in unimaginable ways. Whether the project is a city centre commercial one or an out of town development, your design concepts can be realised using Halldale.

The variation shown above is characteristic of Halldale. This is not something that can be controlled but it can be managed. Please make contact to discuss specific project requirements.

Stone being a natural product may vary significantly in colour and texture within the same range of stone. Descriptions given in this leaflet concerning the colour of the products and the images depicting their colour are approximate only. It is strongly recommended that customers request physical samples of the colour and texture of stone available from any particular range before placing orders.

Stancliffe Stone Company Ltd will not under any circumstances accept liability for any variation in colour or texture between the products as described/depicted in this leaflet and the stone supplied by them. Any condition which might be implied by law to the effect that goods supplied will correspond with any description in this leaflet as to their colour or texture is hereby excluded.

Stancliffe Stone Company Ltd

Stancliffe Stone Company Ltd
Grangemill, Matlock
Derbyshire DE4 4BW

Telephone: 01629 650 859
Facsimile: 01629 650 996
E-mail: sales@stancliffe.com

Locharbriggs Sandstone
Locharbriggs, Dumfries
Dumfries & Galloway DG1 1QS

Telephone: 01387 711 328
Facsimile 01387 711 358
E-mail: lrs@stancliffe.com

www.stancliffe.com

Specification guide

Halldale is from the Millstone Grit of the Carboniferous Age. It varies from fine to coarse grained and pink to buff in colour with brown speckles. The quarry, near Darley Dale, north of Matlock, was re-opened in 1984 having last been worked in 1963. Since then there has been a strong demand for this unusual material and some major projects have been undertaken very successfully.

These figures should only be used as indications of the future performance of the stone. The information given is for guidance only and is subject to alteration without notice. We recommend customers contact Stancliffe Stone Company Ltd to ensure details are currently valid. Test results may not be representative of the whole quarry and are provided for comparison purposes only.

Specification of Halldale Gritstone

Stone	Halldale Gritstone
Quarry	Halldale Quarry
Supplier	Stancliffe Stone Company Ltd

Physical Performance of Halldale Gritstone

Geological type	Carboniferous Millstone Grit
Colour/texture	Pink-buff, fine coarse grained
Maximum sizes	Height = 1500 mm: length = 2500 mm: width = 2500 mm
Most economic ashlar modules	Height = 215 mm: length = random 300 - 700 mm: width = 100 mm
Petrographic description	Millstone Grit
Salt crystallisation	3.8% percentage mass change
Porosity	15.1% - 15.6%
Saturation coefficient	0.66
Water absorption	4.4% - 4.6%
Slip resistance	69 USVR
Compression	75.1 MPa - 102 MPa (dry, perpendicular)
Flexural strength	(Parallel) 6.8 MPa - 8.6 MPa
Flexural strength	8.6 MPa (perpendicular)
Abrasion resistance	18.4 mm
Acid immersion	Pass
Freeze/thaw resistance	7.1 MPa
Bulk specific gravity	2200 kg/m ³ - 2248 kg/m ³
Weathering	Good

