

CATCASTLE BUFF

Medium grained buff/grey/variegated sandstone



The Stone:

Extracted near Oldham in Lancashire, this buff gritstone has been quarried since the early 1940s.

Extensively used in the last 15 years on some of the largest buildings in Edinburgh including:

The New Sheriffs Court Building, the Energy Centre at The Gyle and the prestigious Harvey Nichols Store.

Other projects include the Carlton George Hotel - Glasgow, the historic Cholera Monument in Sheffield and the large office development Belvedere House in Manchester.



Applications:

Ashlar walling	✓
Thin Cladding, Generix Lite system	30mm min
Dressed / Carved stone	✓
Rock faced walling	✓
Rubble walling	
Rockery stone	
External flooring / Paving	✓
External steps / Platts	✓
Internal flooring (requires sealant)	✓

Declaration of Performance to BS EN 771-6-2011 Natural Stone Masonry Units:

Resistance to fire	Class A1
Shear bond strength	Fixed Value
Apparent Density (Kg/m ³)	2386
Open Porosity (%)	NPD
Water absorption (g/m ² .sec ²)	41.6
Compressive Strength (Mpa)	38.5
Flexural Strength (Mpa)	11.6
Frost Resistance (Cycles)	84
Thermal Conductivity	NPD

Dunhouse
NATURAL STONE

A HERITAGE SET IN STONE

Dunhouse have over 75 years experience in the quarrying and supply of dimensional building stone and currently operate nine quarries in the North of England and Scotland. We quarry a wide range of high quality stone, including buff stone from Northumberland and Durham, Scottish Red Sandstone and Weardale self bedded paving and walling stone.

We cater for the needs of the domestic and commercial customer, supplying stone to self build projects, as well as city centre developments and renovations.

Our capabilities range from supplying intricate carving to major refurbishment projects including Jenners Store and the Scottish National Portrait Gallery, to supplying large scale masonry developments including Clydesdale Plaza (10,000m² of Ashlar) and Scarborough Pier (3500tonnes of sawn blocks). Our Lathes and CNC machinery have turned columns for many prestigious projects including Covent garden and Victoria Bus Station.

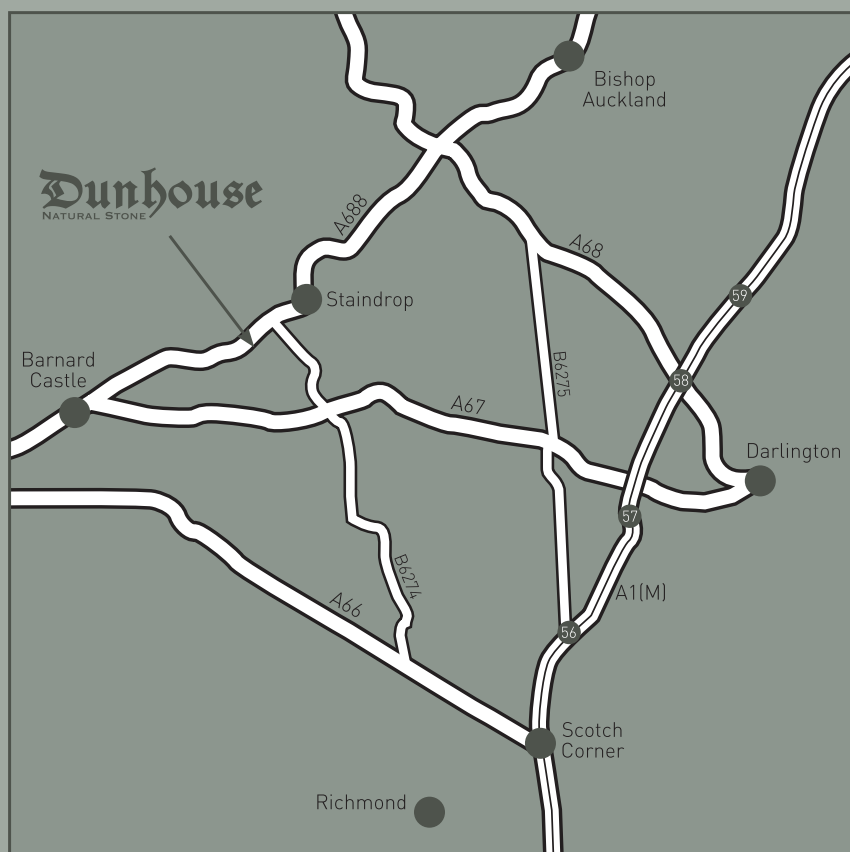
Sample photo's are indicative of colour and character of the material. The amount of variation is subject to the type of material and current quarry conditions.

The photo's are generally demonstrative of the grain, colour and composition of the material. Any variations due to nature cannot be considered defects. Variation of shade and marking is a feature of a natural material. The Standard Conditions of Dunhouse Quarry Company Limited will apply.

Images (top to bottom):

Page 1: Harvey Nicholls Store, St Andrews Square, Edinburgh

Page 2: The Segrada Familia, Barcelona. Carlton George Hotel, Glasgow. Sheriffs Court, Edinburgh.



Dunhouse

NATURAL STONE

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DECLARATION OF PERFORMANCE

(Declaration Number) **DHQ/DOP/6**

1. Unique Identification code of the product type

BS EN 771-6-2011 Natural Stone Masonry Units

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR

CATCASTLE BUFF - Lancashire.

3. Intended use of the construction product

General Masonry

4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5)

Dunhouse Quarry, Cleatlam, Darlington, County Durham, DL2 3QU

5. Where applicable name and contact address of the authorised representative whose mandate covers the tasks specified in article 12(2)

Not Applicable

6. System or Systems of assessment and verification of constantly of performance of the construction product as set out in CPR, Annex V.

Attestation System 4

7. In the case of the declaration of performance covering a construction product covered by a harmonised standard.

The Manufacturer has carried out the initial assessment and continuous surveillance of the factory production control system and its requirements

8. Declared Performance

Essential characteristics	Performance		Harmonised technical specification
Resistance to fire	Class A 1		Without Testing (see decision 96/603EC, as amended)
Shear bond strength	Fixed Value		BS EN 998-2 2010 Annex C
Apparent Density	2386	Kg/m ³	BS EN 1936
Open Porosity	NPD	%	BS EN 1936
Water absorption Coefficient by capillarity	41.6	g/m ² .sec-2	BS EN 772-11
Compressive Strength	38.5	Mpa	BS EN 772-1
Flexural Strength (4 point) Orientation Perpendicular	11.6	Mpa	BS EN 13161
Frost Resistance Identification. Max 168 Cycles	84	Cycles	BS EN 12371
Thermal Conductivity	NPD		BS EN 1745

9. The Performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Paul Allison - Managing Director

Date:07/06/2013