

LIGHTLY HAND DRESSED TO GIVE AN ACCENTUATED, BUT SUBTLE CONVEX APPEARANCE BLOCK FOR THE PERFECT ALTERNATIVE TO NATURAL STONE.

- Perfect for adding value and visual appeal to any commercial or domestic build
- Outstanding aesthetic appearance that blends well in traditional natural stone areas
- Perfect alternative to facing brick for specifiers seeking a more distinctive masonry appearance
- Competitive with average clay facing brick rates, and as easy to lay
- 22 N/mm<sup>2</sup> compressive strength; suitable for most building and civil engineering structural purposes
- Excellent 'whole life' performance with proven long-term durability
- Minimal maintenance and high density

### APPLICATIONS

**HOUSING** - external and internal walls, faced retaining walls, extensions and new build.

**COMMERCIAL** - external and internal walls, faced retaining walls, extensions, bridges and flood defence.

### ELITE PITCHED WALLING

Length (mm)	440	440	440	290
Width (mm)	90	90	90	90
Height (mm)	65	140	215	215
Weight (kg)	6.2	13.5	21.3	13.8
Units / m <sup>2</sup> (approx)	29.6	14.8	9.9	14.3
No. per pack	160	80	48	72
M <sup>2</sup> / pack (approx)	5.33	5.33	4.8	4.8
Pack weight (T)	1.12	1.12	1.12	1.12
Colour available	All	All	All	All

All dimensions are nominal to include allowance for 10mm joint. All block 90mm on bed. Other bed thicknesses are available upon request.

### MANUFACTURING STANDARD:

The Breendon Fyfestone range is manufactured using a hydraulically wet pressed process guaranteeing a high-quality product of low porosity and low drying shrinkage allied to high density and strength. The Breendon Fyfestone range is compliant to European Standard BS EN 771-5.



All Breendon Group products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

### COMPLEMENTARY PRODUCTS

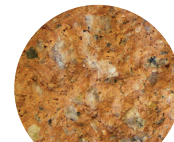
A range of special blocks are manufactured to match and/or complement textures and shades of the products produced in the standard range.

### TEXTURE AND SHADE

Blocks are free from significant blemishes, have clean arrises and have a regularity of colour and texture within the limitations allowed by naturally occurring materials.



### COLOUR SWATCHES



RUST - CB1



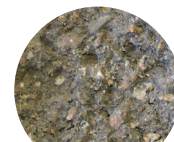
MINK - O2



SIENNA - B6



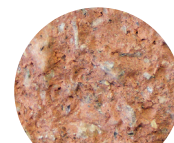
AMBER - O1



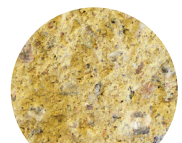
CHARCOAL - F7



SEPIA - O3



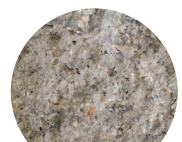
BALMORAL RED - AR1



OCHRE - TS1



GREY PEARL - P3



SLATE - P38



TAUPE - G5

Also available in mixed colours  
 1. Cottarstone Grey - CS1  
 2. Cottarstone Buff - CS2

## SUSTAINABILITY AND LOCAL SOURCING

**RECYCLABLE:** 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

**MANUFACTURING LOCATION:** Produced in Scotland, with locally sourced materials under strict environmental and social legislation, for supply throughout the UK.

**RESPONSIBLE SOURCING:** Products are assessed on:

- Quality management
- environmental management
- health and safety management
- greenhouse gas emissions
- minimising raw material usage
- labour practice
- biodiversity
- community engagement.

## KEY AGGREGATES

The Breedon Fyfestone walling range is manufactured utilising high-quality aggregates, ordinary Portland cement and synthetic iron oxide pigments.

## GENERIC GREEN GUIDE RATING

There is currently no generic rating in the BRE Green Guide for polished, split or textured architectural masonry blocks.

## POLICIES

Breedon Group policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [breedongroup.com](http://breedongroup.com).

## INSTALLATION STANDARD

CIS 37, recommends that for repetitive manual handling of masonry units, the unit weight should typically be no greater than 20kg. Breedon Fyfestone can produce blocks within the range that satisfy this requirement.

## COSHH DATA

Full COSHH data on Breedon Fyfestone is available on request.

### TECHNICAL SUPPORT

Detailed guidance and assistance with the preparation of specification and use of Breedon Fyfestone products is available through the sales office.

**FOR FURTHER INFORMATION PLEASE CALL OUR SALES HOTLINE:**

**01467 651 000**

[masonry@breedongroup.com](mailto:masonry@breedongroup.com)

[www.breedongroup.com](http://www.breedongroup.com)

TABLE 1 - PERFORMANCE

<b>Dimensional tolerance</b> Category	D1
<b>Mean unit strength:</b>	22.0 N / mm <sup>2</sup>
<b>Net dry density:</b>	2250 kg/m <sup>3</sup>
<b>Thermal conductivity:</b> Internal	1.67 W/mK
External	1.79 W/mK
Based on tabulated values from BS EN 1745	
<b>Water vapour diffusion coefficient:</b> All strengths	50/150
Moisture movement	<0.5mm/m
<b>Water absorption by capillarity:</b> All strengths	<3g/(m <sup>2</sup> .s)
<b>Reaction to fire:</b> Classification to EN 13501-1	A1
<b>Durability</b>	Frost resistant
<b>Bond strength</b>	0.15N/mm <sup>2</sup>

TABLE 2 - THERMAL RESISTANCE

Width (mm)	Density	Thermal resistance (m <sup>2</sup> K/W)	
		3%	5%
90	Solid	0.072	0.067

TABLE 3 - UNIT WEIGHTS

Width (mm)	Face size	Form	Unit weight (kg)*	Built weight (kg/m <sup>2</sup> )*
90	440x215	Solid	21.3	200-229
90	440x140	Solid	13.5	200-229
90	440x65	Solid	6.2	200-229
90	290x215	Solid	13.8	200-229

\* Based upon 5% moisture content by volume

TABLE 4 - FIRE RESISTANCE (HOURS)

Width (mm)	Form	Load bearing	Non load bearing
90	Solid	1	1.5

TABLE 5 - SOUND INSULATION\*

Width (mm)	Form	Rw dB
90	Solid	42

\*Based upon mass law calculation

The shades overleaf are as accurate as modern printing will allow. The manufacturer of Fyfestone Architectural Masonry cannot be held responsible for the apparent fading of colour or any other effect on the appearance of any product due to "efflorescence" which is a characteristic of all good quality products with high cement content. The effect generally disappears with time. As Fyfestone is a split face product there can be a fraction of pieces that may be condemned as waste and a maximum of 5% is built into the price.

Kemnay Block Plant, Aquithie Road, Kemnay, Scotland AB51 5PD

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