



FYFESTONE  
PREMIER  
POLISHED,  
TEXTURED  
AND FAIRFACED

# A CONSISTENT HIGH-STRENGTH ARCHITECTURAL MASONRY BLOCK IN A VARIETY OF FINISHES AND COLOURS.

- o Perfect for adding value and visual appeal to any commercial build
- o Consistent finish with precise and accurate sizing
- o Perfect alternative to facing brick for specifiers seeking a more distinctive masonry appearance
- o Available in two formats: solid and multi cell to meet HSE requirements
- o Cost-effective block

### APPLICATIONS

The Premier walling range is suitable for all commercial, public and infrastructure buildings.

Suitable for use above and below damp-proof course (DPC), both internally and externally. Breedon Group do not recommend cellular or hollow units for external use. The blocks are available in the following finishes:

**FAIRFACED** - Consistent close textured face, free from significant blemishes and with a clean regular arise. Guaranteed 1 face and 1 end.

**TEXTURED** - These units are shotblasted to provide a lightly textured surface, exposing the colour and texture of the natural aggregates used in their manufacture. Supplied face only as standard.

**POLISHED** - These units are polished to produce a high sheen finish whilst exposing the natural aggregates to give a depth of colour. Supplied face only as standard. Note the polishing process reduces the nominal width.

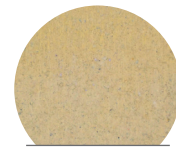
### MANUFACTURING STANDARD

The Premier range is manufactured using a semi-dry process and is compliant to European Standard BS 771-3.

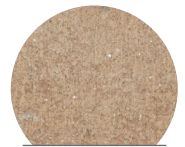
All Breedon Group products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.



### COLOUR SWATCHES



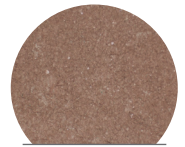
**BARLEY**



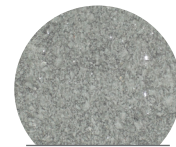
**TEAK**



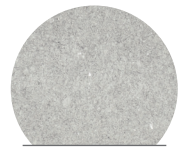
**CORAL RED**



**CHESTNUT**



**SLATE**



**SILVER**

### 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. Please discuss your requirements with the sales office.



# FYFESTONE PREMIER POLISHED, TEXTURED AND FAIRFACED

## PRODUCT INFORMATION



### COMPLEMENTARY PRODUCTS

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

### SUSTAINABILITY AND LOCAL SOURCING

**ENERGY USE:** Breedon Group is at the forefront of sustainability and has committed to reduce carbon emissions.

**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 local supply.

### RESPONSIBLE SOURCING:

Products are assessed on:

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

### KEY AGGREGATES AND RECYCLED CONTENT

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

### PREMIER WALLING

Length (mm)	440	440	290	440	215
Block format	Solid	Solid	Solid	Multi cell	Brick
Width (mm)	96	136	140	140	101
Height (mm)	215	215	215	215	65
Weight (kg)	17.94	25.41	17.24	18.94	2.76
Units / m <sup>2</sup> (approx)	9.88	9.88	14.8	9.88	59.25
No. per pack*	72	48	72	60	416
M <sup>2</sup> / pack (approx)	7.2	4.8	4.8	6.0	7
Pack weight (T)	1.30	1.22	1.24	1.14	1.15
Colour available	All	All	All	All	All

\*Pack sizes may vary with Polished product.

### GENERIC GREEN GUIDE RATING

Fairfaced block external leaf of an insulated cavity wall with either Breedon Dense or Lightweight Block inner leaf, plastered and painted - A+ Rated.

Rating, based upon generic green guide values (2009), supplied by BRE Global Ltd. [www.thegreenguide.co.uk](http://www.thegreenguide.co.uk). 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 produce blocks within the range that satisfy this requirement.

### MAINTENANCE AND CLEANING

Breedon Group can supply on request advice on general maintenance. All enquiries are to be put through our sales office who have contact details and brochure information on the service.

### COSHH DATA

Full COSHH data on Breedon Fyfestone is available on request.

*The shades illustrated 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.*

TABLE 1 - PERFORMANCE

<b>Dimensional tolerance</b> Category	D2
<b>Mean unit strength:</b>	
Solid	14.0 N/mm <sup>2</sup>
Cellular	9.0 N/mm <sup>2</sup>
<b>Net dry density:</b>	1925 kg/m <sup>3</sup>
<b>Thermal conductivity:</b>	
3%	1.25 W/mK
5%	1.34 W/mK
Based on tabulated values from BS EN 1745	
<b>Water vapour diffusion coefficient:</b>	50/150
<b>Moisture movement</b>	<0.8mm/m
<b>Water absorption by capillarity:</b>	<200g/m <sup>2</sup> .s <sup>0.5</sup>
<b>Reaction to fire</b>	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%
96	Solid	0.077	0.072
136	Solid	0.109	0.101
Midi	Solid	0.112	0.104
140	Multi cellular	0.224	0.214
101	Brick	0.080	0.075

TABLE 3 - UNIT WEIGHTS

Width (mm)	Form	Unit weight (kg)*	Built weight (kg/m <sup>2</sup> )*
96	Solid	17.94	189
136	Solid	25.41	267
Midi	Solid	17.24	274
140	Multi cellular	18.94	204
101	Brick	2.76	194

Based upon 5% moisture content by volume.

TABLE 4 - FIRE RESISTANCE

Width (mm)	Form	Load bearing	Non load bearing
96	Solid	1	1.5
136	Solid	2	2
Midi	Solid	3	3
140	Multi cellular	N/A	3
101	Brick	2	2

TABLE 5 - SOUND INSULATION\*

Width (mm)	Form	Rw dB
96	Solid	43
136	Solid	45
Midi	Solid	45
140	Multi cellular	44
101	Brick	43

\*Based upon mass law calculation

TABLE 6 - CHARACTERISTIC STRENGTH FK FACTORS

Width (mm)	Form	9.0*	14.0**	15.0**
96	Solid	N/A	9.2	N/A
136	Solid	N/A	7.7	N/A
Midi	Solid	N/A	7.7	N/A
140	Multi cellular	5.94	N/A	N/A
101	Brick	N/A	N/A	4.12

\*Compressive strength on units (N/mm<sup>2</sup>)

\*\*assumes a type III mortar (M4)



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

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#### 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**  
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