

Environmentally Sound Masonry

Continually sustaining environmental performance

Forticrete takes its Environmental responsibilities very seriously and this is evidenced by the fact that each of our manufacturing facilities is certificated to the International Environmental Standard BS EN ISO 14001: 2004



EMS 74048

Our business is required to operate in manner that is environmentally responsible and achieving set environmental policy objectives at all locations is a management imperative.

Our Environmental policy is endorsed by senior management and reviewed regularly and is accessible to all members of staff and the general public.

Forticrete's commitment to the UK building industry goes far beyond the creation of the highest quality products. Certainly the highest standards of manufacture are achieved and adhered to at all times.

This is further evidenced by the fact that every manufacturing facility is registered under BS EN 9001:2000, the international standard for quality based on third-party assessment.

Obviously the company's products are designed and produced to the highest standards, otherwise so many of them would not be able to fly the prestigious BS Kitemark.



KM 07754



FM 00562

Enhancing sustainability through constant vigilance



Forticrete introduced an 'Eco' marking scheme for product development some 10 years ago to enable customers to instantly recognise those of our products that conform to an established list of environmental criteria:



- A reduced amount of CO2 emissions associated with the manufacture and/or installation of the product
- A minimum of 10% reduction in primary quarried materials used in the manufacturing process
- A minimum of 10% reduction in the associated materials/services used in the supply and installation of the product
- A minimum of 10% reduction in the time taken to install the product or system
- A minimum of 10% reduction in on-site waste associated with the use of the product
- A minimum of 10% of recycled materials is used in the manufacture of the product
- 80% of all raw materials used in the production of the product are sourced from environmentally-sensitive suppliers

In order for a product to comply at least 4 of the criteria must be met.

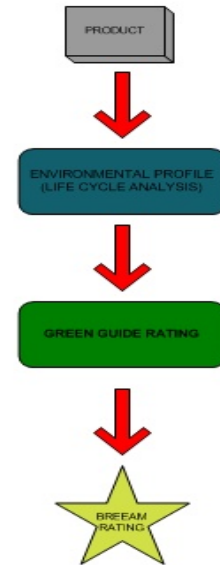
GREEN GUIDE RATINGS

The Green Guide is part of BREEAM an accredited environmental rating scheme for buildings and contains more than 1200 specifications used in various types of building.

Materials and components are arranged on an elemental basis so that designers and specifiers can compare and select from comparable systems or materials as they compile their specification.

Across these building element categories the Guide provides an extensive, but not complete catalogue of building specifications covering most common building materials.

This data is set out as an **A+** to **E** ranking system, where **A+** represents the best environmental performance / least environmental impact, and **E** the worst environmental performance / most environmental impact.



What is BREEAM?

BREEAM is the world's most widely used environmental assessment method for buildings. It assesses buildings against set criteria and provides an overall score which will fall within a band providing either a; PASS, GOOD, VERY GOOD, EXCELLENT or OUTSTANDING rating

Forticrete's Fairface masonry is being used on the new Corby Cube project for Corby Borough Council, currently under construction. The six floor civic building forms part of a new town square and meets the BREEAM Excellence standard of sustainability.

Construction Element using Forticrete Architectural Masonry	Health	Industrial	Commercial	Education	Retail
Split Face Outer Leaf, Insulation, Dense Block, Inner Leaf, Plaster-board & Paint	A+	A+	A+	A+	A+
Fair Face Outer Leaf, Insulation, Aircrete Inner Leaf, Plaster & Paint	A+	A+	A+	A+	A+
Fair Face Outer Leaf, Insulation, Dense Inner Leaf, Plasterboard & Paint	A+	A+	A+	A+	A+
Internal Wall - Fair Face Block	A	A	A	-*	A

** At present the Green Guide ratings for classroom walls only cover 140mm medium density blocks with a finish to either side of 210mm wide dense masonry walls*

COMPOSITION AND STANDARDS

Forticrete Architectural Masonry is manufactured from a carefully controlled mixture of aggregates and cement in accordance with BS EN 771-3:2003 'Specification for masonry units' and meets the statutory requirements of the relevant sections of The Building Regulations 2000 and The Building Standards (Scotland) Regulations 1990 (amended 2001).

All Forticrete Architectural Masonry meets manufacturing control Category 1, in accordance with BS EN 771-3:2003, allowing special category safety factors to be used in the design process.

For further details please contact the Forticrete Technical Department on 0800 262136 or email greenmatters@forticrete.com