



Enviromasonry

Architectural masonry blocks

Bradstone
Enviromasonry
provides a certified
BRE 'A' Rated solution
as featured in the
'Green Guide to
Specification'

Bradstone
Enviromasonry is the
first architectural masonry
to be certified by BRE
Global Ltd as part of
their Environmental
Profiles Scheme



Bradstone
Enviromasonry has
no requirement to
change construction
type to gain
'Ecopoints'

Bradstone
Enviromasonry
is produced from
secondary or recycled
aggregates and utilises
replacement
cement



Technical data

For further technical and coursing information, please refer to the Bradstone Walling Technical Data brochure.

Sizes, weights and coverage

	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Coverage (m²)
Solid	440	100	215	18.50	9.88
Cellular	440	140	215	18.70	9.88



Composition and manufacture

The Enviromasonry range is manufactured in modern automated plants and produced from specially selected secondary or recycled aggregates. Cement replacement is also incorporated to minimise environmental impact, whilst maintaining quality throughout.

All Bradstone products are manufactured under the quality procedures of BS EN ISO 9001: 2000. The high level of quality control exercised at all stages of production ensures compliance with BS EN 771-3 (formerly BS 6073: Part 1). The blocks also satisfy the special category requirements as laid down in BS 5628: Part 1 and in BS 6073: Part 2.

Density

Bradstone Enviromasonry blocks have a density range of 1988 to 2027 kg/m³. Average dry block density is 1930 kg/m³.

Compressive strength

100 mm – 7.3 or 14 N/mm² (Solid).
140 mm – 7.3 or 10.4 N/mm² (Cellular).



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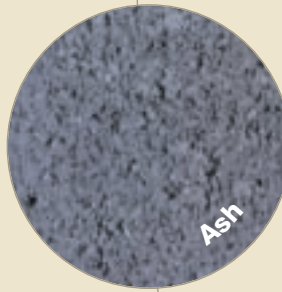
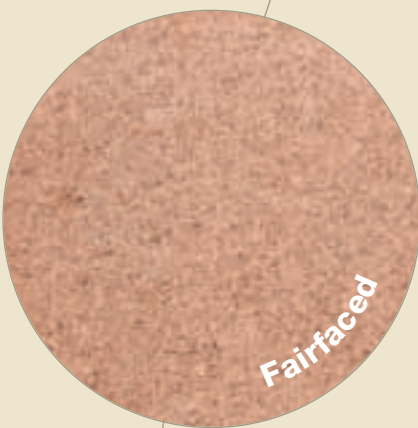
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Bradstone is a member of the British Precast Concrete Federation.
All Bradstone products are manufactured under the quality procedures of BS EN ISO 9001.
Bradstone pursues a policy of continuous product improvement and accordingly reserves the right to vary designs and specifications without notice.
Whilst every effort is made to ensure the accuracy of content, both written and pictorial, interested parties should contact Bradstone (the Business) for verification. This brochure and any advice is provided by the Business free of charge and is accordingly on terms that no liability of any kind (including liability for negligence) will attach to the Business or its servants or agents arising out of or in connection with or in relation to, this brochure or any such advice.
The manufacturer of Bradstone 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 a high cement content. The effect generally disappears with time.

Finishes

Colours



* Split finish not available in cellular format

Enviromasonry

Developed in response to the demand for sustainable construction products, the Bradstone Enviromasonry range is a new generation of environmentally engineered facing block products designed to meet the needs of today's society.

Produced from secondary or recycled aggregates, manufactured in ISO 14001 compliant factories and certified by the BRE Environmental Profile Scheme, this comprehensive range of products enables architects and specifiers to design sustainable buildings with confidence.

Key features

Through the BRE Environmental Profile scheme, Bradstone has become the first manufacturer of architectural masonry to be certified and recorded in the List of Approved Companies and Approved Construction Products, Red Book Volume 2.

- All Enviromasonry products achieve an 'A' rating in the Green Guide to Specification
- Enviromasonry surpasses the generic product data within the Green Guide to Specification.
- The raw materials used within the product are specially selected for their environmental performance and comply with all European and UK technical standards.
- Enviromasonry provides a complete range of sustainable products assisting the specifier to achieve the highest rating in sustainable construction, without requiring any change in construction technique.
- Enviromasonry is manufactured to environmental standard ISO 14001 and quality assurance standard ISO 9001.

BREEAM

The BRE's Environmental Assessment Method (BREEAM) is a scheme for the environmental labelling of buildings. The basis of the scheme is the measurement of a building's performance against a set of defined environmental criteria. One of the aims of BREEAM is to encourage the use of materials that have lower impact on the environment. Credits are awarded for selecting high performance specifications for key building elements using the Green Guide to Specification for walls, floors, roofs and windows. Selection of A-rated specifications allow specifiers to gain maximum credits.



Fairfaced



Textured



Split



Polished



Aggregate Industries' environmental performance

Aggregate Industries, Bradstone's parent company, is fully accountable for all the environmental and social impacts of its activities. The company continually strives to improve the performance of its' products and operations to minimise their effect on the environment.

All wholly owned Aggregate Industries UK sites are certified to ISO 14001 for environmental management systems.

Aggregate Industries is a sponsor of the Civic Trust Sustainability Award. Aggregate Industries reports annually on the sustainability of its products and processes.

Aggregate Industries has a Biodiversity Action Plan. Aggregate Industries has invested in a common electronic information system called 'ENVOY', a web-based intranet that allows corporate documentation to be broadcast to all site representatives and to analyse and review information regarding their site's performance. This has been successfully used in the UK to manage environmental, health and safety and quality issues.

Certified Environmental Profiles

440 x 100 x 215 Enviromasonry external cavity wall solutions

Wall solution	Green Guide to Specification rating			
	Fairfaced	Textured	Split	Polished
Enviromasonry – outer leaf, insulation, Masterblock Masterdenz (7.3N dense block), plasterboard and paint	A	A	A	A
Enviromasonry – outer leaf, insulation, Masterblock Enviroblock EV1 (3.6N), plasterboard and paint	A	A	A	A
Enviromasonry – outer leaf, insulation, Aerated concrete block (3.6N), plasterboard and paint	A	A	A	A