

Roofing

Bradstone Crofters Slates



A single size, stone-effect roofing slate that is economically priced and simple to lay.

- More than 50% non-primary material guaranteed
- Readily available, highly acceptable reconstructed stone alternative to natural stone slates
- One size main slate for total simplicity
- The slates ease of laying and ready availability reduce time and costs associated with second-hand material
- Slates have 2 holes and are hung using metal pegs or stout nails
- Suitable for roofs down to a minimum pitch of 25°
- Crofters range consists of main slates, under ridge and eaves slates with matching accessories including ridge, hip and ventilation units.

Applications

External roofs, extensions and new builds where a natural appearance is required.

Manufacturing standard

All Aggregate Industries' roofing slates comply with BS EN 490: 2004 (concrete roofing tiles and fittings – product specification).

All Aggregate Industries' products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

Aggregate Industries' roof slates are moulded from hand-dressed natural stone slates by means of a specifically developed technique which reproduces the fine detail of the originals on the textured face. A range of masters is used to avoid noticeable repetition of profiles.

Performance

Product testing is carried out in accordance with BS EN 491:2004 (concrete roofing tiles and fittings – test methods).

Complementary products

The Bradstone range of reconstructed stone walling and cast stone architectural dressings.



Colour swatch



1. Weathered Buff

Crofters Slates

Type	Main slate	Half slate	Under eave/ridge	Ridge/hip unit	Gas and ridge vent	Slate vent
Length (mm)	550	550	350	600, 450	450	550
Width (mm)	425	212.5	425	n/a	n/a	425
Weight (kg)	8.16	4.1	6.0	600 = 11.7/ 450 = 8.8	10	10
Units/m ² (approx)	10.0	20	16.5	36.75 lin m	n/a	n/a
No. per pack	120	100	45	35 x 600, 35 x 450	n/a	1 per box
M ² /pack (approx)	12.0	5.0	2.73	n/a	n/a	n/a
Pack weight (T)	0.98	0.41	0.27	0.72	n/a	n/a
Colour available	All	All	All	All	All	All

Ridge units – For roof pitches up to 35°, a 110° (internal angle) ridge unit is available in 600mm lengths.

For roof pitches above 35°, a 90° (internal angle) ridge unit is available in 450 and 600mm lengths.

Nails and Pegs – Hanging over batten: 40mm long x 4.5mm or 5mm dia. Aluminium tile pegs. Nailing through batten: 40/45mm long x 3.35 dia. Clout head nails.

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Main slate



Slate vent



Half slate



Ridge unit



Ridge vent unit



Gas flue ridge unit

Sustainability and local sourcing

Energy use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

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

Manufacturing location: produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

Responsible sourcing: Aggregate Industries is the first company in the world to achieve a BES 6001:2008 Responsible Sourcing Certificate from BRE Global. 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 aggregate and recycled content

More than 50% of the aggregate in Crofters Slates is replaced with a secondary aggregate.

Aggregate Industries' roofing slates are manufactured principally from naturally occurring aggregates, ordinary Portland cement and colouring pigments, cast in moulds.

Generic green guide rating

There is currently no generic rating for reconstructed stone roofing.

Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.aggregate.com

Installation standard

Weight: Crofters slates have an average laid weight (5% m.c by volume) of approximately 90kg/m² when fixed to a standard 80mm head lap. Ridge units weigh approximately 23.5kg/m run; hip units weigh approximately 23.5kg/m run.

Lap: Minimum head lap 80mm.
Minimum side lap 75mm.

Batten size: Batten section – 50 x 25mm.

Rafter centres: Up to 600mm. When ordering batten approximately 6m run of batten to m² as laid is required.

Quantities and guides: On receipt of a firm order, Aggregate Industries will schedule the actual quantities of slates and fittings required. A battening and coursing guide for the specific roof will be supplied and this should be strictly adhered to.

Maintenance and cleaning

Aggregate Industries can supply on request advice on general maintenance. For more information on the service call our sales office on 01285 646884.

COSHH data

Full COSHH data on Aggregate Industries' products is available on request. Please call the technical helpline on 01285 646846.

Technical support

Detailed guidance and assistance with the preparation of specification and use of Bradstone range of products is available through the sales offices. A free technical service is also available

Call our technical services on 01285 646846.

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