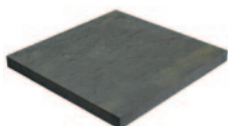


Landscaping

Charcon UK Natural Caithness stone flag paving and setts

Colour - Caithness Riven



Life®

77%* reduction in CO₂

A traditional Scottish stone renowned for its durability and riven appearance in a grey/black with brown hues colouring that is exclusive to Caithness stone.

- Quarried and manufactured in Scotland
- Exclusive colouring and appearance
- Strong, durable and proven performance
- Suitable for both pedestrian and trafficked areas
- All products meet relevant BS/EN standards
- Paving and setts produced with sawn sides, natural splits top and bottom
- Range of matching radial paving, kerbs, steps and other specials available.



* Based on the BRE Green Guide to Specification (2008) ratings, 120kg embodied CO₂ for Chinese Granite Setts versus 27kg embodied CO₂ for UK sandstone.

Caithness stone

flag paving product range

Nominal size (mm)	150 x random length	300 x random length	450 x random length	600 x random length
Nominal Thickness	40, 50 or 65	40, 50 or 65	40, 50 or 65	40, 50 or 65
Palletised	Yes	Yes	Yes	Yes
Finishes	Natural riven split top and bottom, sawn sides			

Other sizes (including setts) and thicknesses available.

NBSPlus

Q25. For NBS clauses, refer to Aggregate Industries technical services

Charcon UK Natural Caithness stone flag paving and setts

Colour - Caithness River

Typical properties	
Density	2700Kg/m ³
Water absorption	0.10%
Compressive strength	180Mpa
Flexural strength	26.9Mpa
Abrasion resistance	17mm
Skid/slip resistance (dry)	-
Skid/slip resistance (wet)	63
Frost resistance	Yes
Tolerances	Riven paving plan: $\leq 700\text{mm} = \pm 4\text{mm}$, $\geq 700\text{mm} = \pm 5\text{mm}$ Riven/split paving thickness: $\leq 60\text{mm} = \pm 4\text{mm}$, $> 60\text{mm} = \pm 5\text{mm}$

Manufacturing standards

All products comply to the relevant European Standards BS EN 1341/1342/1343.

Applications

Natural Caithness stone is suitable for both pedestrian and trafficked areas, depending upon the thickness and the stone type used. Further guidance and advice on suitability of use is available from our technical department.

Complementary products and specials

A full range of setts, kerbs, steps and radial paving are available. Special features, such as benches, seats and matching street furniture can be made to order.

Other stones

Aggregate Industries can source other stones in a wide variety of shades and finishes to match or contrast local material colours and textures.

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: This natural stone product is 100% recyclable, reducing the amount of material sent to landfill after use.

Manufacturing location: Produced and sourced in the UK under relevant environmental and social legislation.

Responsible sourcing: Aggregate Industries is the first company in the world to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products. Aggregate Industries has achieved an 'Excellent' rating for major product groups. The BES 6001 standard assesses:

- quality management
- environmental management
- health and safety management
- a range of social and environmental issues.

Life

Life is our range of sustainable products and services. For more information please visit www.aggregate.com/life

Key aggregate and recycled content

Natural Caithness stone flag paving and setts are a naturally occurring product manufactured and sourced from within the UK.

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

Install in accordance with the relevant section of BS 7533. Aggregate Industries normally recommend that a fully rigid construction method is used for natural stone paving flags and setts. For specific guidance please call our technical helpline on 01335 372222.

Maintenance and cleaning

Aggregate Industries can supply on request advice on specific stain removal and general maintenance, suitable cleaning products and referrals to specialist cleaning companies.

COSHH data

Full COSHH data on the Charcon range of products is available on request. Please call the technical helpline on 01335 372222.

Technical support

Detailed guidance and assistance with the preparation of specification of the Charcon range of hard landscaping products, including model clauses, is available through the sales office. A free technical design service is also available.

For further information, please refer to our technical services on 01335 372222.

Hulland Ward, Ashbourne,
Derbyshire DE6 3ET

Tel: 01335 372222

Fax: 01335 370074

www.aggregate.com

