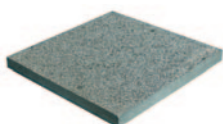


Landscaping

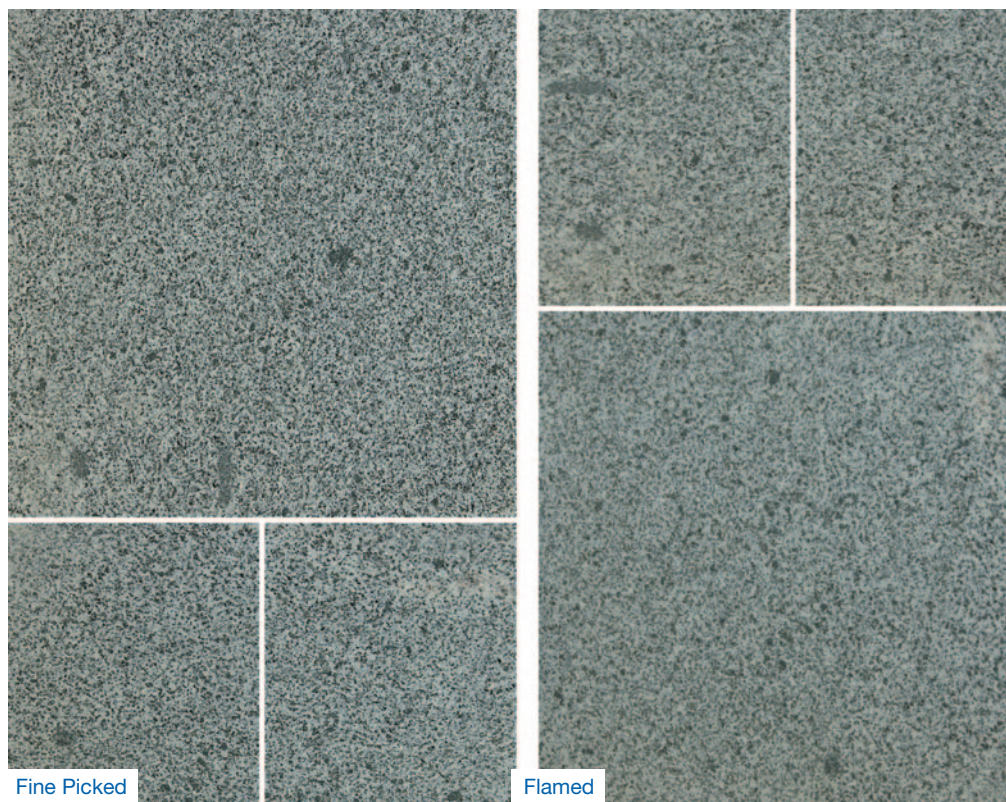
Charcon UK Natural Irish Granite flag paving and setts

Colour - G4030 Bally Magrehan



Irish Granite offers the opportunity to use a UK sourced granite that has exceptional durability and strength, making it ideally suited to the most demanding of hard landscaping applications and uses.

- Quarried and manufactured in Northern Ireland
- High durability with long lasting colours and aesthetics
- Excellent skid and slip resistance performance
- All products meet or exceed relevant BS/EN standards
- Available in flamed or fine picked finishes, with sawn sides
- Full range of matching radial paving, sawn kerbs, steps and other specials available
- Suitable for both pedestrians and trafficked areas.



Irish Granite

flag paving product range

Nominal size (mm)	450 x random length	600 x random length	400 wide x 400 long	400 wide x 600 long
Nominal Thickness	50 or 63	50 or 63	50 or 63	50 or 63
Palletised	Yes	Yes	Yes	Yes
Finishes	Fine picked or Flamed	Fine picked or Flamed	Fine picked or Flamed	Fine picked or Flamed

Other sizes (including setts) and thicknesses available to order.

NBSPlus

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

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Typical properties	
Density	2696kg/m ³
Water absorption	0.65%
Compressive strength	202Mpa
Flexural strength	14.4Mpa
Abrasion resistance	-
Skid/slip resistance (dry)	65
Skid/slip resistance (wet)	46
Frost resistance	Yes
Tolerances	Paving plan: ≤ 700mm = ± 4mm, ≥ 700mm = ± 5mm Paving thickness: ≤ 60mm = ± 4mm, > 60mm = ± 5mm

Manufacturing standards

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

Applications

Natural Irish Granite 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 Ireland under relevant environmental and social legislation.

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

Natural Irish Granite 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.

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