

# AGGREGATE INDUSTRIES

## Landscaping

### Charcon Moordale® flag paving



High quality flag paving, containing yorkstone and limestone aggregates to combine textural appeal, durability and economy.

- Incorporates yorkstone and limestone aggregates to maximise performance and durability
- Premium but cost effective paving
- Ideal for urban pavements, shopping precincts and areas with occasional car, HGV or mechanical sweeper overrun
- Ideal for creating large areas of warm solid colour
- Range of colours and textures can be used to complement one another and provide subtle contrast
- Available in ground and textured finishes.

#### Applications

Moordale flag paving is suitable for high volume pedestrian areas, town centres, shopping precincts and footways as well as occasional car or mechanical sweeper overrun, footways with cars and HGV vehicle or service areas. Refer to technical department for advice on applications – Tel: 01335 372222. For correct choice of flag size to suit your application, refer to BS7533 Part 8.

#### Manufacturing standard

Moordale flag paving is manufactured using a wet pressed process and is manufactured in accordance with and complies with all relevant sections of BS EN 1339: Precast Concrete Flags – requirements and test methods.

Aggregate Industries fully operates an accredited Quality Assurance scheme, certified to BS EN 9001:2008 which is independently and regularly assessed by BSI (British Standards Institution). All Aggregate Industries manufacturing sites are also certified to BS EN 14001 Environmental Management Systems.

#### Performance with slip resistance

Unpolished slip resistance values, when tested in accordance with BS EN 1339, annex – method for the determination of unpolished slip resistance value, are available on request. The product is classified as having a low potential for slip i.e. a USRV of greater than 40.

Polished slip resistance values can be provided on request.

#### Complementary products

Designed for use with Aggregate Industries Countryside Classic kerb and can be used to contrast Moordale paving.



#### Colour swatches



1. Buff
2. Grey

#### Moordale flag paving

Size (mm)	600x600	450x450	450x450	400x400	400x400	600x600	450x450	450x450	400x400	400x400	400x400
Finish	Textured	Textured	Textured	Textured	Textured	Ground	Ground	Ground	Ground	Ground	Ground
Thickness (mm)	50	70	50	65	50	50	70	50	65	65	50
Weight (kg)	41.7	33.1	23.9	23.6	18.9	44.0	34.3	24.0	25.0	25.0	19.0
Units/m <sup>2</sup> (approx)	2.78	4.94	4.94	6.25	6.25	2.78	4.94	4.94	6.25	6.25	6.25
No. per pack	18	26	36	28	36	20	28	40	32	32	40
M <sup>2</sup> /pack (approx)	6.47	5.26	7.29	4.48	5.76	7.19	5.67	8.10	5.12	5.12	6.40
Pack weight (T)	0.75	0.86	0.86	0.66	0.68	0.88	0.96	0.96	0.80	0.80	0.76
Colour available	Gy, Bf	Gy, Bf	Gy, Bf	Gy, Bf	Gy, Bf	Gy, Bf	Bf*, Gy*	Gy, Bf	Gy, Bf	Gy*, Bf*	Gy*, Bf*
Chamfered	No	No	No	No	No	No	Yes	No	No	Yes	No

Gy Grey / Bf Buff

\* MTO with minimum order of 150 packs for the textured 600x600, 270 packs for the textured 450x450, 350 packs for the ground 450x450, 300 packs for the ground 400x400x65 and 400 packs for the ground 400x400x50.

Available as a step insert in all stocked sizes on MTO basis with minimum order of 2 packs.



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

# Charcon Moordale<sup>®</sup> flag paving

## 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

Moordale flag paving is manufactured using Yorkstone and limestone aggregates. It is made in a wet pressed process and shot blasted or ground depending upon the finish required.

## Generic green guide rating\*

Concrete paving flags (60mm with a prepared recycled sub-base) - **A+ rated.**

Concrete paving flags (60mm with a prepared sub-base) - **A rated.**

## 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](http://www.aggregate.com)

## Design and installation

For pavement design guidance refer to BS 7533 Parts 8. For successful installation refer to BS 7533 Part 4.

For specific design, installation and maintenance guidance, please contact our technical department 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.**

\*Ratings based upon generic green guide values (2009) supplied by BRE Global Ltd, [www.thegreenguide.co.uk](http://www.thegreenguide.co.uk)

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