

# AGGREGATE INDUSTRIES

## Landscaping

### Charcon StoneMaster® flag paving



Life®

57%<sup>†</sup> non-primary materials



A revolutionary range of flag and block paving with all the inherent beauty of indigenous stone.

- Fine sandstone mix replicating natural sandstone and granite
- Three stunning shades of grey and buff replicating natural granite and yorkstone
- Pencil chamfer for enhanced aesthetics and protection against laying damage
- Guaranteed minimum 50% reclaimed and recycled material
- UK produced for nationwide stock availability
- More economical than natural stone for a cost effective solution
- Fixed plan sizes for ease of design.

#### Manufacturing standards

StoneMaster flag paving is manufactured using a semi-dry 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 Charcon manufacturing sites are also certified to BS EN 14001 Environmental Management Systems.



#### Applications

StoneMaster flag paving is suitable for predominantly pedestrianised areas subject to occasional light vehicular over run, light mechanical sweepers. The small element flag (450x450x80 and 450x300x80) is suited to areas with heavier vehicular overrun, eg. for fire access etc. For correct choice of flag size to suit your application, refer to BS7533 Part 8.

#### Performance with slip resistance

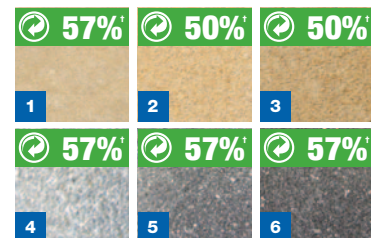
Unpolished slip resistance values, when tested in accordance with BS EN 1339, annex – method for the determination of unpolished slip resistance value, are available on request. The product is classified as having a low potential for slip i.e. a USRV of greater than 40.

Polished slip resistance values can be provided on request.

#### Complementary products

StoneMaster block paving and Charcon kerbs.

#### Colour swatches



1. Light Buff
2. Medium Buff
3. Dark Buff
4. Light Grey
5. Medium Grey
6. Dark Grey

<sup>†</sup> Represents non-primary material within the complete mix design.

#### StoneMaster flag paving

Size (mm)	600x450	450x450	450x300
Thickness (mm)	80	80	80
Weight (kg)	51	38	25
Units/m <sup>2</sup> (approx)	3.7	4.93	7.4
No. per pack	20	40	40
Pack weight (T)	1.04	1.55	1.04
Colour available	DG*/DB*	MG*/MB*	LG*/LB*
Chamfered	Yes	Yes	Yes

LB – Light Buff / MB – Medium Buff / BB – Dark Buff

LG – Light Grey / MG – Medium Grey / DG – Dark Grey

\*MTO with a minimum order of 35 packs.

StoneMaster paving comes banded and shrink-wrapped to a pallet.

Other sizes may be available. Please contact sales office.

NBS Plus

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

# Charcon StoneMaster® 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 accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products. Aggregate Industries has achieved an 'Very Good' 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](http://www.aggregate.com/life)

## Key aggregate and recycled content

Locally sourced specialist sand face mix and standard back mix with over 48% reclaimed and recycled content.

### Generic green guide rating\*

Concrete paving flags (60mm) with no sub-base - **A+ rated.**

There is currently no generic rating in the BRE Green Guide for 80mm concrete paving flags.

## 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 - use the enquiry form or call Aggregate Industries Technical Services.

**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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