

# CHARCON

## HARD LANDSCAPING

TECHNICAL INFORMATION  
www.aggregate.com/ecopave

ECO RANGE

## ECOPAVE® GROUND

### FLAG PAVING



LIKE ITS COMPLEMENTARY ECO RANGE PRODUCTS, ECOPAVE® HAS BEEN DEVELOPED TO MAXIMISE RESOURCE PRODUCTIVITY – MINIMISING WASTE AND OPTIMISING RENEWABLE MATERIALS.

The exposed Cornish granite aggregates in the range adds a subtle sparkle and age to a weathered natural appearance.

The Eco range offers the hard-wearing characteristics of granite at an affordable price.

Lowest environmental burden in the UK market place against products of a similar nature, with maximisation of resource productivity as a main priority.

Raw materials selected for their environmental benefits as well as containing 87% recycled or reclaimed materials.

Manufacturing processes have been tailored to utilise efficient practices, focusing on batching plant, product presses, recycling and noise.

Helps local authorities meet set environmental quotas and fully complies with environmental statements and policies.

Available in a ground finish.

### APPLICATIONS

EcoPave flag paving is suitable for all pedestrian areas and traffic-free zones. Also suitable for areas subject to occasional vehicular overrun, please refer to our technical services on 01335 372222. For correct choice of flag size to suit your application, refer to BS7533 Part 8.

### MANUFACTURING STANDARD

EcoPave 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.

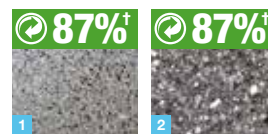
Polished slip resistance values can be provided on request.



### COMPLEMENTARY PRODUCTS

EcoPave block paving, Eco Countryside Kerb, Appalachian flag paving and Europa.

### COLOUR SWATCH



1. Black Fleck
2. Charcoal

### PRODUCT DATA

Size (mm)	600x600	600x450	450x450	400x400
Thickness (mm)	50	63	70	65
Weight (kg)	44	38.9	38.7	25
Units/m <sup>2</sup> (approx)	2.78	3.70	4.94	6.25
No. per pack	20	16	30	32
M <sup>2</sup> /pack (approx)	7.20	4.32	6.07	5.12
Pack weight (T)	0.88	0.63	1.16	0.80
Colours	BF*, Ch*	BF*, Ch*	BF, Ch*	BF, Ch*
Chamfered	Yes	Yes	Yes	Yes

n55Plus

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

\* MTO with minimum order of 1000m<sup>2</sup> for 600x450 all other products 200m<sup>2</sup>. Available with a step insert in all stocked sizes on MTO basis with minimum order of 2 packs.  
† Represents non-primary material within the complete mix design.



OHS 61759

FM 96927

EMS 96928

# ECOPAVE® GROUND

## 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 a '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

EcoPave flag paving is manufactured using granite aggregates. It is made using a wet pressed process and ground.

Mix contains 87% recycled and reclaimed materials.

The following materials have been selected to maximise resource productivity:

**COPPER SLAG:** A by-product from copper smelting industry. It is used to create the decorative finish of the product instead of virgin aggregate material.

**CHINA CLAY STENT:** A by-product of the china clay industry used as an aggregate instead of quarrying virgin materials.

**WATER:** Water used in the manufacturing process is recycled.

### 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 Aggregate Industries 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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