

AGGREGATE INDUSTRIES

Landscaping

Charcon EcoPave® block paving



53%[†] non-primary materials



The Eco range has been developed to maximise resource productivity - the optimum use of finite resources by minimising waste and by use of renewable materials.

- Uses over 50% copper slag, china clay stent and construction demolition waste (CDW) in back mix to maximise resource productivity
- Contains 53% recycled and reclaimed materials in face mix
- A natural rough-hewn appearance which allows it to blend in especially well with traditional and conservation environments
- Exposed Cornish granite aggregate provides a subtle sparkle and age to weathered natural appearance
- EcoPave block paving provides optimum design flexibility and strong visual appeal in virtually any location
- Available in long aspect ratio size for a contemporary look
- Available as an Infilta concrete block permeable paver (CBPP)
- Hard wearing characteristics of granite at an affordable price.

Applications

EcoPave block paving is suitable for pedestrian areas including town centres and shopping precincts. Refer to our technical department for further guidance on suitability for given applications. For correct choice of block thickness to suit your application, refer to BS7533 Part 1 and 7.

Manufacturing standard

EcoPave block paving is manufactured using a semi-dry process and is manufactured in accordance with and complies with all relevant sections of BS EN 1338: Precast Concrete Block Paving – 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.



Performance with slip resistance

Unpolished slip resistance values, when tested in accordance with BS EN 1338, are available on request. All Aggregate Industries block paving 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

Complements EcoKerb and EcoPave flag paving plus Appalachian flag paving.

Colour swatch



1. Black Fleck

[†] Represents non-primary material within the complete mix design.

EcoPave block paving

Size (mm)	600x200	300x300	300x200	200x200	200x100	100x100
Thickness (mm)	80	80	80	80	80	80
Weight (kg)	21	16.5	11.0	7.3	3.6	1.7
Units/m ² (approx)	8.33	11.11	17	25	50	100
No. per pack	36	54	108	160	320	560
M ² /pack (approx)	4.32	4.86	6.46	6.40	6.40	5.60
Pack weight (T)	0.76	0.89	1.18	1.17	1.16	1.00
Colour available	Black Fleck*	Black Fleck*	Black Fleck*	Black Fleck*	Black Fleck	Black Fleck*
Chamfered	Yes	Yes	Yes	Yes	Yes	Yes

*Made to order.

EcoPave block paving comes banded and shrink-wrapped to a pallet using recycled materials. Available as an Infilta concrete block permeable paver (CBPP) in 200x100x80 on made to order basis.



Charcon EcoPave® block 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 '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

The following materials have been selected to maximise resource productivity:

Copper slag: A by-product from copper smelting. 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 Block Pavers, CBP (80mm) over prepared recycled sub-base - **A rated.**

Concrete Block Pavers, CBP (80mm) over prepared sub-base - **B 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

Design and installation

For pavement design guidance refer to BS 7533 Parts 1 and 7. For successful installation refer to BS 7533 Part 3. For specific design, installation and maintenance guidance, please contact our technical department on 01335 372222.

Maintenance and cleaning

After laying light coloured paving on site, care should be taken to protect from dirt and detritus while the remaining construction works are completed.

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

Hulland Ward, Ashbourne,
Derbyshire DE6 3ET

Tel: 01335 372222

Fax: 01335 370074

www.aggregate.com

