

EcoPave Block Paving Product Information



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) to maximise resource productivity
- 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
- Now with new long aspect ratio size for a contemporary look
- Available as an Infilta concrete block permeable paver (CBPP)
- EcoPave step inserts available as part of the EcoPave range
- 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.

Manufacturing Standards

EcoPave block paving is manufactured using a semi-dry process and is compliant to European Standard BS EN 1338.

All Aggregate Industries products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

Performance

Strength: The strength requirements are met to the manufacturing standard.

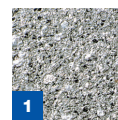
Slip & skid resistance: The potential for slip is 'low' in accordance to the manufacturing standard.

Complementary Products

Complements EcoKerb and EcoPave flag paving plus Appalachian flag paving.



Colour Swatches



1. Black Fleck

BLOCK PAVING

Size (mm)	300x200	200x200	200x100	600x200
Thickness (mm)	80	80	80	80
Weight (kg)	11.0	7.3	3.6	21
Units/m ² (app.)	17	25	50	8.33
No. per pack	108	160	320	36
M ² /pack	6.46	6.40	6.40	4.32
Pack weight (T)	1.18	1.17	1.16	0.76
Colour Available	*Black Fleck	*Black Fleck	*Black Fleck	*Black Fleck
Chamfered	No	No	No	No

*Charcoal and Cream MTO with minimum order 70 packs.
EcoPave block paving comes banded and shrink-wrapped to a pallet using recycled materials. Available as an Infilta concrete block permeable paver (CBPP) in 200x134x80 on MTO Basis. Coated with USP (Urban Surface Protection) to protect against everyday contaminants on MTO basis.



Q24. For NBS Clauses, refer to Charcon technical services

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Sustainability & Local Sourcing

Energy Use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2012 based on a 2008 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 & safety management
- greenhouse gas emissions
- minimising raw material usage
- labour practice
- biodiversity
- community engagement.

Key Aggregates & Recycled Content

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 & Community, Health & Safety and Sustainable solutions for different product applications can be viewed on our website www.charcon.com

Installation Standard

Lay fine aggregate bedding course (to BS EN 12620 Gf85 0/4 mp) to a final compacted thickness of 50mm (in accordance with BS 7533: Part 3)

Maintenance & 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.

Charcon can supply on request advice on specific stain removal and general maintenance, suitable cleaning products, referrals to specialist cleaning companies etc.

COSHH data

Full COSHH data on Charcon 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 Charcon 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 Charcon Technical Services.

For further information, please refer to Charcon Technical Services on 01335 372222.

*The Responsible Source: Aggregate Industries is the first company to be approved to BES 6001 by achieving a "Very Good" rating on four of its product groups at its Newbold Quarry site - ready mixed concrete, concrete block paving, aggregates and bagged aggregates. Assessments are being carried out at all Aggregate Industries sites across the UK and results will be published July 2009.

