

AGGREGATE INDUSTRIES

Landscaping

Charcon Ultrapave flag paving



Life®

81%[†] non-primary materials



Heavy vehicular overrun within inner cities often leaves footways in an uneven or broken state and therefore hazardous to pedestrians. Charcon Ultrapave is steel or fibre reinforced - increasing product integrity, with the bonus that it is manufactured to replicate natural granite.

- Reinforced to prevent trip hazards if the paving fractures from vehicle overrun
- Offers the appearance of natural granite with cost saving benefits
- Available in two granite shades with steel reinforcement plus British Standard Grey with either steel or fibre reinforcement in a pimple finish
- Ideal for urban pavements, shopping precincts and areas with occasional car, HGV or mechanical sweeper overrun
- Uses 81% recycled and reclaimed aggregates in the Silver Grey shade and 28% in the Dark Grey shade.

Manufacturing standard

Ultrapave 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 any Aggregate Industries block paving, countryside classic kerb and British Standard kerb.

Colour swatches



1. Silver Grey
2. Dark Grey[^]
3. Grey[^]

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

[^] Dark Grey and Grey do not meet our Life benchmark of more than 45% non-primary material.

Applications

Ultrapave is suitable for high volume pedestrian areas, shopping precincts and footways as well as occasional car or mechanical sweeper overrun, footways with cars and HGV vehicle or service areas. For correct choice of flag size to suit your application, refer to BS7533 Part 8.

Ultrapave flag paving

Size (mm)	750x600	600x600	600x450	600x600	750x600	600x600	600x450
Finish	Textured	Textured	Pimple	Pimple	Pimple	Pimple	Pimple
Reinforcement	Steel	Steel	Steel	Steel	Fibre	Fibre	Fibre
Thickness (mm)	63	63	72	72	63	63	63
Weight (kg)	65.6	51.9	47.3	64.0	65.9	53.5	40.0
Units/m ² (approx)	2.22	2.78	3.70	2.77	2.22	2.77	3.70
No. per pack	16	16	15	15	17	17	17
M ² /pack (approx)	7.21	5.76	4.05	5.42	7.66	6.14	4.60
Pack weight (T)	1.05	0.83	0.71	0.96	1.12	0.91	0.68
Colour available	SG*, DG**	SG*	Gy	Gy	Gy	Gy	Gy
Chamfered	No	No	No	No	No	No	No

NBS Plus

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

SG - Silver Grey / DG - Dark Grey / Gy - Grey

All sizes are MTO with a minimum order quantity. Please call the Charcon sales office for more details.

*600x600 Silver Grey is also available as unreinforced on MTO basis.

**750x600 in Dark Grey available flat packed in pack of 13 in both reinforced and unreinforced formats on MTO basis with minimum order of 170 packs.

Charcon Ultrapave 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 2018 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

Key aggregate and recycled content

Ultrapave flag paving is manufactured using granite aggregates. It is made in a wet pressed process and shot blasted or pressed with a pimple profile depending upon the colour and finish required. The Silver Grey shade uses 81% recycled and reclaimed aggregates and the Dark Grey shade used 28%.

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

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

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