CHARCON

product information

Malvern flag paving

Life®

54%† non-primary materials

STEP

breeam responsible sourcing

OHS61759 FM96927 EMS96928

Premium quality flag incorporating innovative aggregate formulation. Colour, texture and size ranges complement existing landscapes or can create features in their own right.

- **Uniquely formulated aggregates achieve excellent combination of durability, performance and aesthetics**
- **Leading edge manufacturing ensures the highest degree of tolerance compliance**
- **Widely acknowledged as the highest quality paving range available**
- **Unique aggregate matches high quality CBP range**
- **Uses 54% recycled and reclaimed aggregates in the Leemoor shade, 53% in the Silver Grey shade and 40% in the Andover Cream shade**
- **Available in ground and textured finishes.**

Applications

Malvern flag paving 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.

Manufacturing standard

Malvern 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.

Charcon Hard Landscaping 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 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 Charcon Countryside Classic kerb and Andover Textured block paving.

Colour swatches

1. Leemoor
2. Andover Silver Grey
3. Andover Cream^

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

^ Andover Cream does not meet our Life benchmark of more than 45% non-primary material.

Malvern flag paving

Size (mm)	400x400	400x400	400x400	400x400
Finish	Textured	Textured	Ground	Ground
Thickness (mm)	65	50	65	50
Weight (kg)	25.0	18.5	25.0	18.5
Units/m² (approx)	6.25	6.25	6.25	6.25
No. per pack	32	40	32	40
M²/pack (approx)	5.12	6.40	5.12	6.40
Pack weight (T)	0.80	0.74	0.80	0.74
Colour available	ASG, AC	AC*	L	L*
Chamfered	No	No	Yes	Yes

ASG - Andover Silver Grey / AC - Andover Cream / L - Leemoor
*MTO with minimum order of 300 packs.
Available as a Step Insert in all stocked sizes on MTO basis with minimum order of 2 packs.

NBS Plus

Q25. For NBS clauses, refer to Charcon technical services

AGGREGATE INDUSTRIES

Malvern flag paving product information

Sustainability and 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 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

Key aggregate and recycled content

Malvern flag paving is manufactured using granite aggregates. It is made using a wet pressed process and shot blasted or ground depending upon the finish required.

Uses 54% recycled and reclaimed aggregates in the Leemoor shade, 53% in the Silver Grey shade and 40% in the Andover Cream shade.

Generic green guide rating*

Concrete paving flags (60mm) with a 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 Charcon technical department on 01335 372222.

Maintenance and cleaning

Charcon 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 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.

For further information, please refer to Charcon 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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AGGREGATE INDUSTRIES

A member of the Holcim Group

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