

CHARCON

HARD LANDSCAPING

PROFILED PAVING

TECHNICAL INFORMATION
www.aggregate.com/britishstandard

BRITISH STANDARD TACTILE

FLAG PAVING



A RANGE OF PAVING DESIGNED SPECIFICALLY TO MEET THE DEPARTMENT FOR TRANSPORT'S GUIDANCE ON THE USE OF TACTILE PAVING SURFACES.

Hard wearing under typical pedestrian usage.

Available in a range of colours to suit specific guidelines for specific areas.

Designed to assist visually impaired pedestrians.

Provides tactile indication of hazard areas and safe travel routes.

Available in five surface profiles:

- **Hazard warning corduroy** - For use in identifying any potential hazard to pedestrians and warning them to proceed with care.
- **Blister** - For use in identifying a crossing place for the visually impaired. Guidelines exist concerning the use, layout and colour of blister paving.
- **Guidance** - For use in identifying a safe route for pedestrians to travel, avoiding obstacles and hazards.
- **Platform edge warning (lozenge)** - Used at street level to denote the existence of a platform edge for light transport systems.
- **Cycleway** - Used at the beginning of a shared pedestrian/cycle route to denote the path that each should follow.
- **Platform edge warning (offset blister)** - Denotes the proximity of a railway platform edge. It can be used on either surface or underground rail systems.

APPLICATIONS

Tactile flag paving is suitable for high volume pedestrian areas, town centres and traffic free zones. For correct choice of flag size to suit your application, refer to BS7533 Part 8.

MANUFACTURING STANDARD

Tactile 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.

Also manufactured to DD CEN/TS 15209.

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

Not applicable.

COMPLEMENTARY PRODUCTS

Designed for use with British Standard paving and kerb. All developments may require tactile paving to conform to DD CEN/TS 15209.



COLOUR SWATCH



1. Grey
2. Buff
3. Red
4. Charcoal

PRODUCT DATA									
Size (mm)	450x450	450x450	400x400	400x400	400x400	400x400	400x400	400x400	400x400
Finish	Blister	Blister	Blister	Blister	Hazard Warning	Offset Blister	Guidance	Cycleway	Lozenge
Thickness (mm)	50	70	50	65	50	50	50	50	50
Weight (kg)	24.7	37.1	18.8	24.7	18.8	18.8	18.8	18.8	18.8
Units/m ² (approx)	4.94	4.94	6.25	6.25	6.25	6.25	6.25	6.25	6.25
No. per Pack	34	28	34	30	34	34	34	34	34
M ² /pack (approx)	6.88	5.67	5.44	4.80	5.44	5.44	5.44	5.44	5.44
Pack Weight (T)	0.84	1.04	0.64	0.74	0.64	0.64	0.64	0.64	0.64
Colours	Bf, Rd	Bf, Rd	Gy, Bf, Rd, Ch	Gy, Bf, Rd, Ch	Gy, Bf, Ch	Bf, Ch	Bf	Gy, Bf	Bf
Chamfered	No	No	No	No	No	No	No	No	No

Gy – Grey / Bf – Buff / Rd – Red / Ch – Charcoal.

Please check availability from different works.

Other shades may be available on a MTO basis. Please check with sales office.

* Available on a MTO basis.



OHS 61759

FM 96927

EMS 96928



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

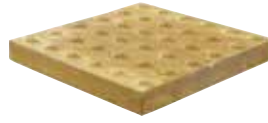
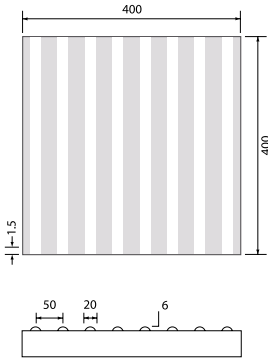
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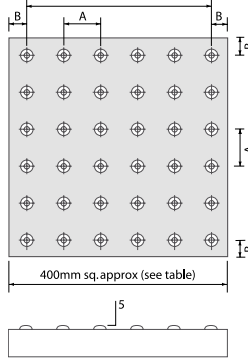
HAZARD WARNING PAVING

For use in identifying any potential hazard to pedestrians and warning them to proceed with care.



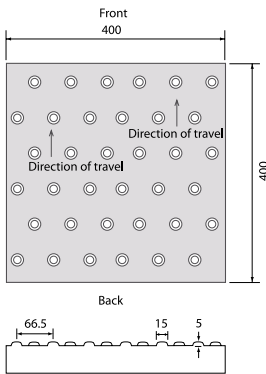
BLISTER PAVING

For use in identifying a crossing place for the visually impaired. Guidelines exist concerning the use, layout and colour of blister paving.



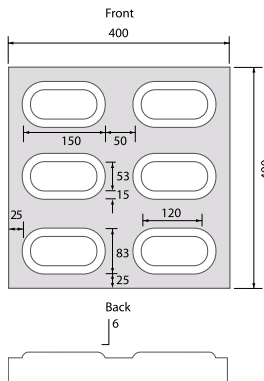
PLATFORM EDGE WARNING (OFFSET BLISTER)

Denotes the proximity of a railway platform edge. It can be used on either surface or underground rail systems.



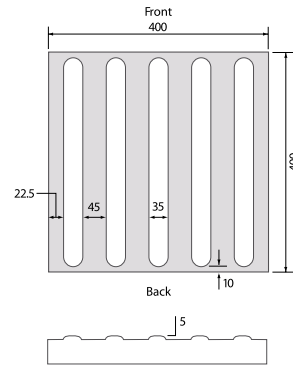
PLATFORM EDGE WARNING (LOZENGE)

Used at street level to denote the existence of a platform edge for light transport systems (eg. monorails and trams).



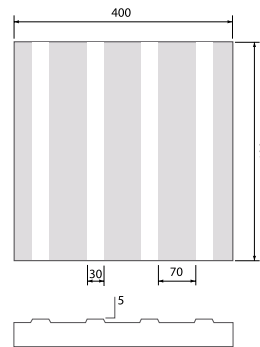
GUIDANCE PAVING

For use in identifying a safe route for pedestrians to travel, avoiding obstacles and hazards.



CYCLEWAY PAVING

Used at the beginning of a shared pedestrian/cycle route to denote the path that each should follow.



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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 a BES 6001:2008 Responsible Sourcing Certificate from BRE Global.

Products are assessed on:

.....
Quality management.

.....
Environmental management.

.....
Health and safety management.

.....
Greenhouse gas emissions.

.....
Minimising raw material usage.

.....
Labour practice.

.....
Biodiversity.

.....
Community engagement.

EFFLORESCENCE

Aggregate Industries cannot accept responsibility for the effect of "efflorescence" which can be a characteristic of all building products with a high cement content.

The phenomenon may be exhibited by an apparent loss of intensity of colour and the appearance of a milky white bloom on the face of the product. The effect generally disappears with time and is no way detrimental to the performance of the product.

KEY AGGREGATE AND RECYCLED CONTENT

Tactile flag paving is manufactured using local aggregates. It is made in a wet pressed process in special moulds incorporating pre-formed profiles.

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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Charcon

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