

BRITISH STANDARD KERB AND EDGING



A range of kerbs, channels and edging as specified in the current version of BS EN 1340.

FEATURES

- ▶ Designed to provide edge restraint in pedestrian and vehicular applications
- ▶ Complies with British Standards
- ▶ British Standard kerb is a cost effective kerb for all applications.

MANUFACTURING STANDARD

British Standard kerb is manufactured using a wet pressed process and is manufactured in accordance with and complies with all relevant sections of BS EN 1340: Concrete Kerb Units – 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

UNPOLISHED: Unpolished slip resistance values, when tested in accordance with BS EN 1340, are available on request. All Charcon kerb units are classified as having a low potential for slip.

POLISHED: Polished slip resistance values can be provided on request.

COMPLIMENTARY PRODUCTS

Designed for use with Charcon flag and block paving ranges.

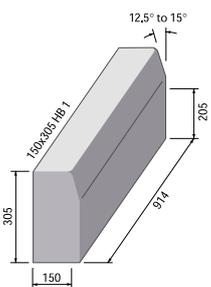


CONCRETE KERBS AND EDGING

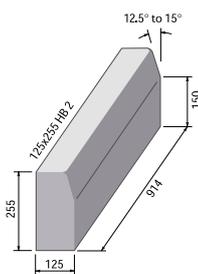
| British Standard Kerb Product Data | | | | | | | | | | | | |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Unit Type | HB1 | HB2 | HB2 | HB3 | BN1 | BN2 | BN2 | BN3 | BN3 | SP2 | SP2 | SP3 |
| Length (mm) | 914 | 914 | 609 | 914 | 914 | 914 | 609 | 914 | 609 | 914 | 609 | 914 |
| Height (mm) | 305 | 255 | 255 | 150 | 305 | 255 | 255 | 150 | 150 | 255 | 255 | 150 |
| Width (mm) | 150 | 125 | 125 | 125 | 150 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| Weight (Kg) approx. | 100 | 70 | 46 | 40 | 100 | 70 | 46 | 40 | 30 | 60 | 40 | 30 |
| Unit/m ² (approx) | 1.09 | 1.09 | 1.64 | 1.09 | 1.09 | 1.09 | 1.64 | 1.09 | 1.64 | 1.09 | 1.64 | 1.09 |
| No. Per pack | 14 | 18 | 18 | 18 | 14 | 18 | 18 | 18 | 24 | 18 | 18 | 24 |
| m ² /pack (approx) | 12.84 | 16.51 | 10.98 | 16.91 | 12.84 | 16.51 | 10.98 | 16.91 | 14.63 | 16.51 | 10.98 | 21.9 |
| Pack weight (T) | 1.4 | 1.26 | 0.72 | 0.72 | 1.4 | 1.26 | 0.72 | 0.72 | 0.72 | 1.26 | 0.72 | 0.72 |
| Colours | Grey | Grey |

HB - Half batter / BN - Bullnose / SP - Splay.

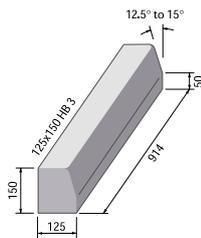
| British Standard Edging Product Data | | | | | | | | | |
|--------------------------------------|----------|-------------|----------|----------|-------------|----------|-----------|-----------|-----------|
| Unit Type | Flat Top | Flat Top | Flat Top | Bullnose | Bullnose | Bullnose | Round Top | Round Top | Round Top |
| Length (mm) | 914 | 914 | 914 | 914 | 914 | 914 | 914 | 914 | 914 |
| Height (mm) | 150 | 200 | 255 | 150 | 200 | 255 | 150 | 200 | 255 |
| Width (mm) | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 75 |
| Weight (Kg) approx. | 15 | 20 | 30 | 15 | 20 | 30 | 15 | 20 | 40 |
| Unit/m ² (approx) | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 | 1.09 |
| No. Per pack | 40 | 20/40 | 20 | 40 | 20/40 | 20 | 60 | 20 | 12 |
| m ² /pack (approx) | 36.56 | 18.28/35.56 | 18.28 | 36.56 | 18.28/35.56 | 18.28 | 55.05 | 18.28 | 11.01 |
| Pack weight (T) | 0.62 | 0.45/0.90 | 0.55 | 0.62 | 0.45/0.90 | 0.55 | 0.9 | 0.45 | 0.54 |
| Colours | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey | Grey |



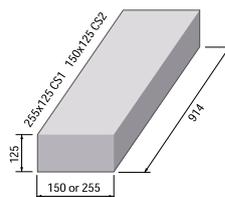
HB1 (98kg)



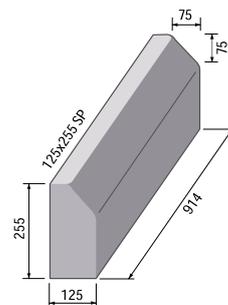
HB2 (64kg)



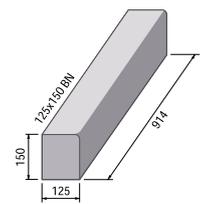
HB3 (38kg)



CS1 (71kg)
CS2 (41kg)



SP (63kg)



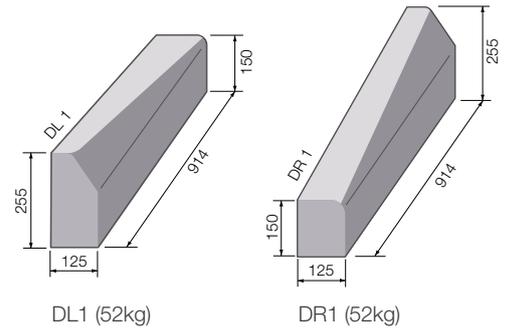
BN (40kg)

PRODUCT DATA

125x255mm HB – 125x150mm BN (LH) DL1
 125x255mm HB – 125x150mm BN (RH) DR1
 125x255mm SP – 125x150mm BN (LH) DL2
 125x255mm SP – 125x150mm BN (RH) DR2
 125x150mm BN As Crossing Kerb
 125x255mm BN – 125x150 BN (LH) non BS
 125x255mm BN – 125x150 BN (RH) non BS

**RADIUS DROPPERS
 BS:EN1340**

125x255mm HB – 125x150mm BN (LH)
 125x255mm HB – 125x150mm BN (RH)
 Available in 4, 5, 6, 8 and 10 m.



**RADIUS KERBS AND
 CHANNELS BS:EN1340**

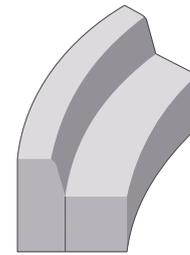
The table shown is an approximate guide only.
 All radii over 15 m (40 ft) can be achieved by using standard 914mm (3 ft) or 609mm (2 ft) kerbs.

Before ordering, check availability of size and profile.

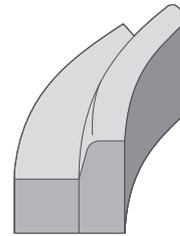
Also when ordering, please state the dimensions first, then the profile, then the radii followed by Internal or External, eg 125x150 BN 4 m ext.

**APPROX NO. UNITS
 PER 1/4 CIRCLE**

| Size of radius (m) | Units per 1/4 circle |
|--------------------|----------------------|
| 0.5 | 1 |
| 1 | 2 |
| 2 | 4 |
| 3 | 6 |
| 4 | 8 |
| 5 | 10 |
| 6 | 12 |
| 8 | 16 |
| 10 | 20 |
| 15 | 30 |



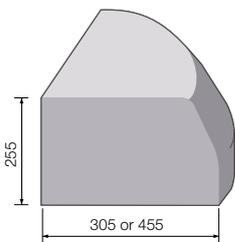
Internal Kerb External Channel



External Kerb Internal Channel

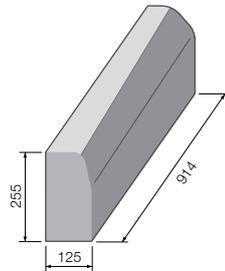
**QUADRANTS
 BS:EN1340**

305x255mm QHB
 455x255mm QHB
 305x255mm QSP
 305x255mm QBN



**TRANSITION KERBS
 BS:EN1340**

125x255mm HB RH –
 125x255mm SP LH TR
 125x255mm HB LH –
 125x255mm SP RH TL

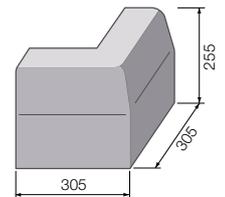
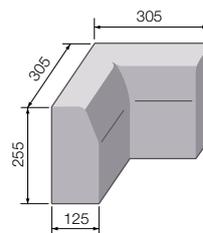


**ANGLES
 BS:EN1340**

125x255mm HB Ext Angle HBXA
 125x255mm SP Ext Angle SPXA
 125x255mm HB Int Angle HBIA
 125x255mm SP Int Angle SPIA

IA (33kg)

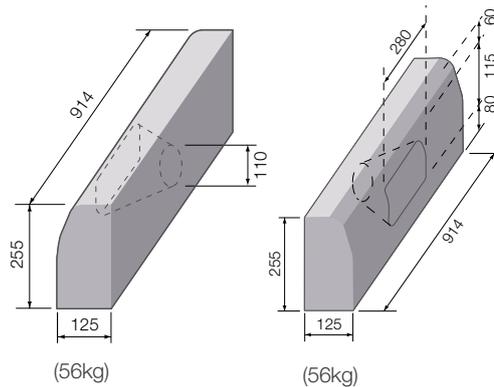
XA (33kg)



OFFLETS (WEIR KERBS)

Designed to allow surface water to be discharged through the opening in the face of the kerb to a 100mm pipe.

Available in Half Batter and Splay.



NON-STANDARD KERBS & CHANNELS

Subject to availability and minimum order quantity.

Kerbs

- 150x305mm BN
- 125x255mm BN
- 150x125mm HB

Scotland

- 150x175mm SP
- 150x175mm HB
- 125x175mm HB works order
- 125x205mm HB works order

Channels

- 150x150mm CS
- 150x100mm CS

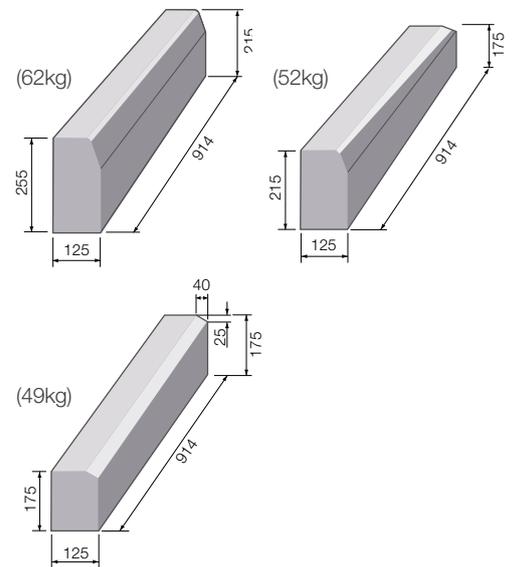
NON-STANDARD DROPPERS AND CROSSING KERB

- 125x255mm HB – 125x175 SP* (LH) DL
- 125x255mm HB – 125x175 SP* (RH) DR
- 125x175mm SP* As Crossing Kerb

Double Pattern

- 125x255mm HB – 125x215 WRCC (LH)
- Order Code WR1
- 125x215mm HB – 125x175 WRCC (LH)
- Order Code WR2
- 125x215mm HB – 125x175 WRCC (RH)
- Order Code WR3
- 125x255mm HB – 125x215 WRCC (RH)
- Order Code WR4

* NB 25mm splay

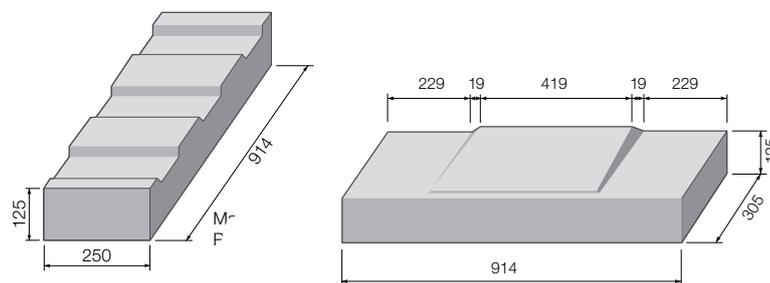


MARGINAL STRIPS AND MARKER CHANNELS

Marginal strips and marker channels, hydraulically pressed, are designed for motorways and other roads where raised kerbs are not used. They provide a visible marking and act as a rumble strip.

Available in straight lengths only.

Manufactured to order only.



Marker channel (68kg)
Patent No 853557

(84kg)

SUSTAINABILITY AND LOCAL SOURCING

ENERGY USE AND GREENHOUSE GAS EMISSIONS:

Aggregate Industries is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year (18.5% total improvement by 2020).

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 a 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- ▶ Quality management
- ▶ Environmental management
- ▶ Health and safety management
- ▶ Greenhouse gas emissions
- ▶ Minimising raw material usage
- ▶ Labour practice
- ▶ Biodiversity
- ▶ Community engagement

KEY AGGREGATE AND RECYCLED CONTENT

British Standard kerb is manufactured using high quality, hard wearing locally sourced aggregates.

GENERIC GREEN GUIDE RATING*

Not applicable.

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 STANDARD

For successful installation refer to BS 7533 Part 6. 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 is available on request. Please call technical services 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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