

## Landscaping

### Charcon Access® kerb



This award winning kerb is available in height and profile options to permit level entry access to standard or guided buses. Innovative marker bumps indicate precise bus positioning.

- Designed to withstand bus wheel impact
- A comprehensive range of transitional units and accessories enable progressive construction from British Standard kerbs
- Integral marker bumps assist bus platform positioning immediately adjacent to the kerb
- Available in Standard Grey, natural granite and Countryside finish.

#### Applications

Access kerb is suitable to permit level entry access to standard and guided buses.

#### Manufacturing standard

Access kerb is manufactured using a wet cast process and is manufactured in accordance with and complies with all relevant sections of BS EN 1340: Concrete Kerb Units – requirements and test methods.

Aggregate Industries 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 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 1340, are available on request. All Aggregate Industries kerb units are classified as having a low potential for slip.

Polished slip resistance values can be provided on request.

#### Complementary products

Designed for use with British Standard kerb, Granite kerb and Countryside Classic kerb.



#### Colour swatches



1. Grey
2. Silver Grey

#### Access kerb

Dimensions (mm)	220*^	180~	160*	180 GB**
Profile	Standard	Standard	Standard	Guided buses
Length	1000	1000	1000	1000
Height	350	310	290	310
Width	323/271	310	276/224	260
Dropper unit height	220-160	180-125	160-125	180-125
Weight (approx. kg) with marker bump	170	150	130	
Weight (approx. kg) without marker bump	160		120	150
Colour available	Gy	Gy, SG***	Gy	Gy

Gy - Grey / SG - Silver Grey

^Quadrants also available for these sizes.

~ Only available with marker bump.

\*Available with or without marker bump.

\*\*Guided bus, only available without marker bump.

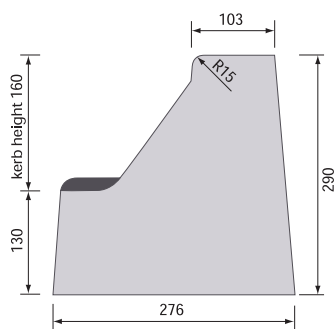
\*\*\*Available on a MTO basis only.



Q10. For NBS clauses, refer to Aggregate Industries technical services

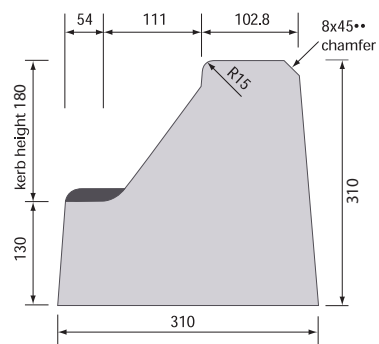
# Charcon Access<sup>®</sup> kerb

## 160mm Access kerb



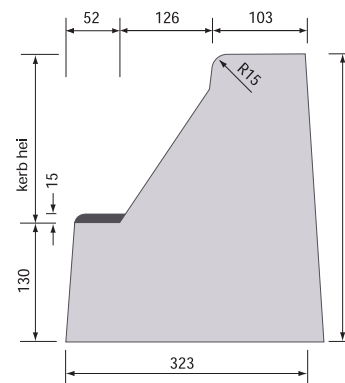
160mm Standard profile with marker bump (side view)

## 180mm Access kerb

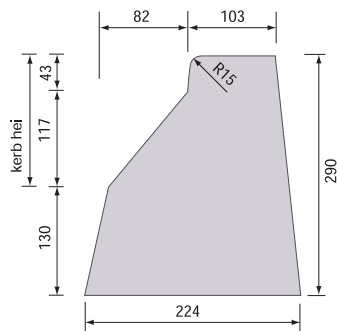


180mm Standard profile with marker bump (side view)

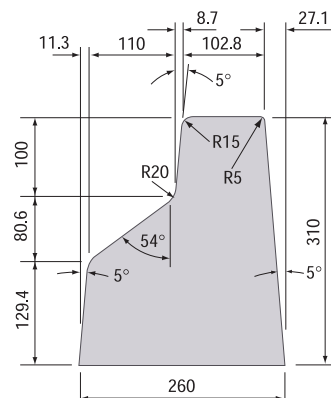
## 220mm Access kerb



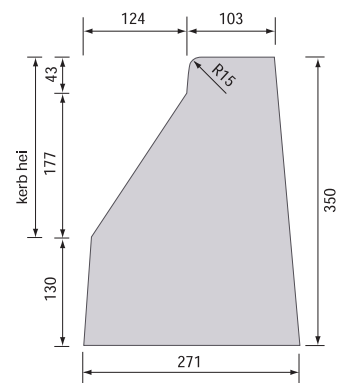
220mm Standard profile with marker bump (side view)



160mm Standard profile without marker bump (side view)



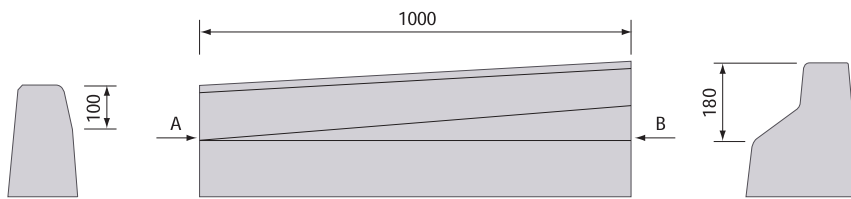
180mm Guided bus



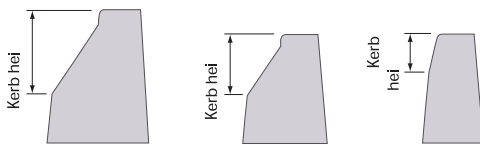
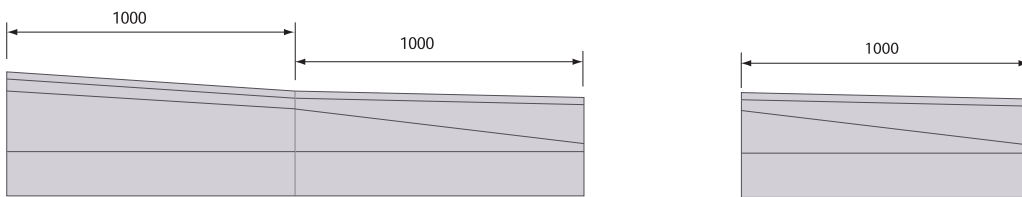
220mm Standard profile without marker bump (side view)

# Charcon Access<sup>®</sup> kerb

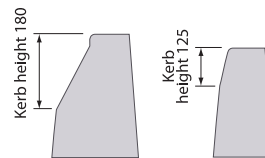
## Transition units



180mm off line transition unit



220mm standard body profile to 160mm, standard body profile to 125mm half batter



180mm standard profile to 125mm half batter

# Charcon Access<sup>®</sup> kerb

## Design standards

All installations should be detailed and constructed in accordance with BS7533: Part 6.

## Access kerb

### Sub-grade

As for adjoining paved areas.

### Sub-base

Material: granular type 1.

Compacted depth: 150mm min.

### Bedding and haunching

Material: concrete (grade ST1).

Minimum dimensions:  
(see Figs 1a and 1b).

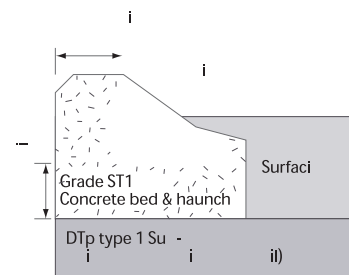
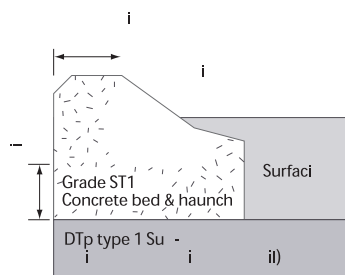
Transitions: use 1 or 2 component transition units as appropriate between Access kerb and standard HB2 kerbing.

### Note:

Excavation width should allow for use of mechanical handling grab on base of Access Kerb (approx. 100mm)

## Haunching

All kerbing should normally be haunched with concrete to ensure full stability and support for adjacent paving and to help withstand occasional vehicular impact.



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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.

## Key aggregates and recycled content

Access kerb is manufactured using high quality, hard wearing granite 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](http://www.aggregate.com)

## Design and installation

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 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](http://www.thegreenguide.co.uk)

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