

Product Information

A major advance in public transport access and convenience, Kassel Kerb offers a unique solution for bus docking by providing a reduced gap between pavement and the bus platform. The results are safer, faster and easier passenger, wheelchair and pushchair access, providing a more efficient and accessible community transport service.

The unique profile of the Brett Kassel Kerb, with its 75° face and bottom end radius, has been designed to minimise tyre wear when buses are pulling into the bus stop, thereby reducing tyre replacement costs for bus operating companies.

The range

- 160mm and 180mm standard kerbs
- Radii and Quadrants
- Flat blocks
- Half kerbs
- Transition units and Ramp sets
- Transition to British Standard HB2 kerbs

Product specification

Manufacturing process	Manufacture and tested in a wet cast process in accordance with BS EN 1340 - 2003. (with the exception of determining the compressive strength)
Strength	Compressive strength Mean concrete strength tested in accordance with BS EN 12390 - 2 <i>Testing hardened concrete - making and curing specimens for strength testing</i> Target strength $\geq 50\text{N/mm}^2$ Bending strength Class 2 - Characteristic bending strength of 5 MPa with no individual result less than 4 MPa
Slip/Skid Resistance	The slip resistance determined in accordance with BS 7976 - 2:2002 Average wet value = 59
Abrasion Resistance	Determined in accordance with BS EN 1340:2003 Mean = 19,5 Class 4
Reaction to fire	In accordance with BS EN 1340:2003 Concrete kerb units are Class A1 reaction to fire without testing. See Commission Decision 2000/553/EC.

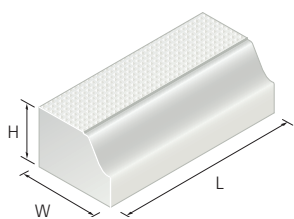


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Leicestershire LE12 8LX

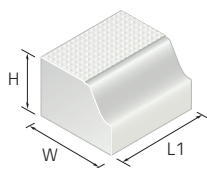
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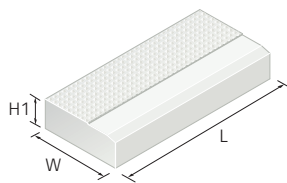




Kassel Standard Kerb



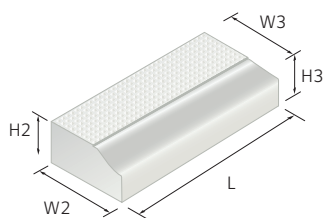
Kassel Half Kerb



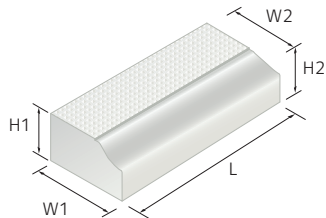
Kassel Flat Block

Kassel Kerb - Standard and Straight Units dimensional tolerances

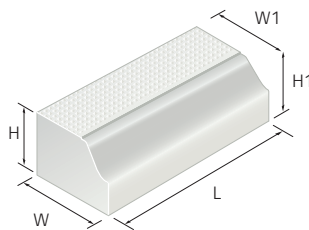
Product code Standard & Straight Units	L±7mm	L1±7mm	W±4mm	H±8mm	H1±8mm	Product weight (Kg)	No Per Pallet
KK601000	995		435	314		274	4
KK60500		495	435	314		137	2
KK801000	995		435	334		292	4
KK80500		495	435	334		146	2
KKFB	995		435		160	163	6



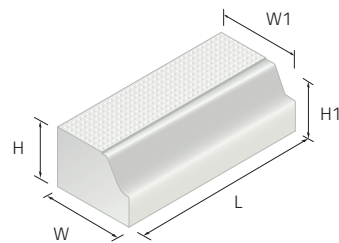
Kassel Ramp 1



Kassel Ramp 2



Kassel Ramp 3



Kassel Transition

Kassel Kerb - Tapers and Ramps dimensional tolerances

Tapers & Ramps	L±7mm	W±4mm	W1±4mm	W2±4mm	W3±4mm	H±8mm	H1±8mm	H2±8mm	H3±8mm	Product weight (Kg)	No Per Pallet
KK60TLH	995	435	435			314	275			265	4
KK60TRH	995	435	435			314	275			265	4
KK80TLH	995	435	435			334	275			271	4
KK80TRH	995	435	435			334	275			271	4
KK60RL1	995	435	435	435	435	314	270	215	170	257	
KK60RL2	995	435	435	435	435	314	270	215	170	218	1 Handed Set
KK60RL3	995	435	435	435	435	314	270	215	170	164	
KK80RR1	995	435	435	435	435	334	280	225	170	275	
KK80RR2	995	435	435	435	435	334	280	225	170	236	1 Handed Set
KK80RR3	995	435	435	435	435	334	280	225	170	182	

Kassel spacing - all profiles

When installed the spacing between the kerbs should be 3-12mm.

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Sibley Road

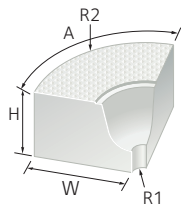
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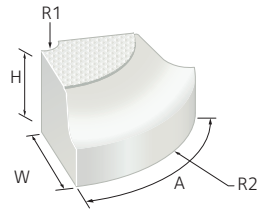
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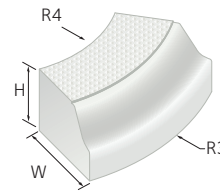




90° Internal Kerb



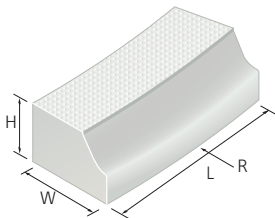
90° External Kerb



45° External Kerb

Kassel Kerb - Quadrant dimensional tolerances

Product code	Quadrants	A±1°	W±4mm	R1	R2	R3	R4	H±8mm	Product weight (Kg)	No Per Pallet
KK60Q90E	90	90	435	195				314	226	1
KK60Q90I	90	90	435		630			314	199	1
KK60Q45E	45	45	435			1137	702	314	248	1
KK80Q90E	90	90	435	195				334	233	1
KK80Q90I	90	90	435		630			334	204	1
KK80Q45E	45	45	435			1137	702	334	205	1



Radius Kerb 3 or 6m (External or Internal)

Kassel Kerb - Radius dimensional tolerances

Product code	External Radius 160	L±7mm	W±4mm	R	H±8mm	Product weight (Kg)	No Per Pallet
KK603ER	995	995	435	3000	314	279	2
KK606ER	995	995	435	6000	314	279	2
Product code	Internal Radius 160	L±7mm	W±4mm	R	H±8mm	Product weight (Kg)	No Per Pallet
KK603IR	995	995	435	3000	314	279	2
KK606IR	995	995	435	6000	314	279	2
Product code	External Radius 180	L±7mm	W±4mm	R	H±8mm	Product weight (Kg)	No Per Pallet
KK803ER	995	995	435	3000	334	298	2
KK808ER	995	995	435	6000	334	298	2
Product code	Internal Radius 180	L±7mm	W±4mm	R	H±8mm	Product weight (Kg)	No Per Pallet
KK803IR	995	995	435	3000	334	298	2
KK808IR	995	995	435	6000	334	298	2

Kassel spacing - all profiles

When installed the spacing between the kerbs should be 3-12mm.

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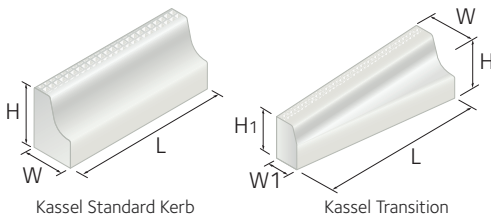
Brett Slimline Kassel Kerbs are ideally suited for retro-fit applications where designers do not wish to disturb the existing kerb line and require minimal excavation prior to installation.

The use of the Diamond Paving flag from Brett Landscaping can provide the same tactile surface as would be achieved using conventional Kassel Kerbs, see below.

The unique Slimline profile and its transition units match those of the standard Kassel profile, enabling the system to be simply integrated into existing kerb configurations, so minimising time, cost of installation and disruption to local traffic.

The range

- 160mm and 180mm Slimline Kassel standard units
- 160mm and 180mm Slimline Kassel transition units



Product specification

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Reaction to fire	In accordance with BS EN 1340:2003 Concrete kerb units are Class A1 reaction to fire without testing. See Commission Decision 2000/553/EC.

Kassel spacing - all profiles

When installed the spacing between the kerbs should be 3-12mm.

Slimline Kassel Kerb - Dimensional tolerances

Product code	L $\pm 7\text{mm}$	W $\pm 4\text{mm}$			H $\pm 8\text{mm}$	Product weight (Kg)	No Per Pallet
Standard & Straight Units							
KKSL601000	995	235			291	103	4
KKSL801000	995	241			311	128	4
Transitions	L $\pm 7\text{mm}$	W $\pm 4\text{mm}$	W1 $\pm 4\text{mm}$	H $\pm 8\text{mm}$	H1 $\pm 8\text{mm}$		
KKSL60TLH	995	235	125	291	255	99	4
KKSL60TRH	995	235	125	291	255	99	4
KKSL80TLH	995	241	125	311	255	103	4
KKSL80TRH	995	241	125	311	255	103	4

Diamond Paving

Ideal for integrating into bus stops when the Brett Slimline Kassel system has been specified.

The Brett Diamond Paving solution provides the benefit of the textured Kassel surface without disturbing the existing kerb line.

When using Brett Diamond Paving, it is possible to pre-drill units to install LED ground lighting to provide enhanced bus stop safety for passengers in poor light conditions

Code	Thickness (mm)	Size (mm)	No. per m ²	Area (m ²) per pack	No./ pack	Approx pack weight (kg)	Approx weight each (kg)
DIJ50GRY	50	400 x 200	12.5	3.2	40	370	9.0



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