

Kassel Kerb Slimline Technical Data Sheet



Concrete



Granite



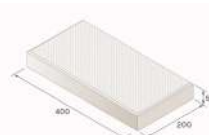
Concrete



Standard



Transition



Diamond

Description

Providing a reduced gap between the pavement and the bus platform, Brett Slimline Kassel Kerbs are available in either concrete or granite finishes and have a large number of compatible accessories, integrating it into any project.

Application

Kassel Kerb Slimline is ideally suited to retro-fit applications where designers don't want to disturb the existing kerb line and require minimal excavation prior to installation. For maximum benefit the entire kerb design should be taken into consideration.

Product Type	Precast Concrete Kerb Units
Manufacturing Process	Wet cast vibrated concrete
Manufacturing Standard	BS EN 1340: 2003
Design Standard	Contact Brett for more information
Installation Standard	BS 7533-102: 2025
UKCA/DOP	Contact Brett for more information
NBS Specification	45-20-64/385 Precast concrete containment kerbs Q10 110

Product Performance

Product	Nominal / Working Dimensions (mm)	No. per pack	No. per lin.m.	Pack wt max kg	
				Concrete	Granite
Standard Kerb	235x291x1000	1	1	123	137
Transition Kerb	235x291 to 125x255x1000	1	1	101	112

Tensile Strength	Annex F Compliant - Second moment of inertia satisfactory
Abrasion Resistance	Class 4 - $\leq 20\text{mm}$ - Determined by Wide Wheel Abrasion Test
Durability	Water Absorption - Class 2 $\leq 6\%$ by mass $\leq 1,5\text{kg/m}^2$
Slip / Skid Resistance	PTV Unpolished Slip Resistance Value ≥ 55 - Potential for slip - Low
Thermal Conductivity	1.2 W/(mK)
Reaction to Fire	Class A1 when used for internal flooring
External Fire Performance	Deemed to satisfy

Sustainability

BREEAM	Contact Brett for more information
BES 6001	Contact Brett for more information
Recyclable	Contact Brett for more information
Embodied Carbon	Contact Brett for more information
Brett 5-Star Sustainability Rating	=3

Early Life and Maintenance

Once your paving has been installed, you may notice some changes to its appearance in the first few days and weeks. These visual changes can be due to several reasons originating from the concrete and/or the manufacturing or installation method. Many of these will simply weather away, including:

Efflorescence	The ongoing chemical reaction within the concrete which provides its strength can produce calcium carbonate (a white powdery residue) which may appear on the surface of products. This temporarily lightens the product but will typically weather away without reoccurrence.
Porosity	Concrete continues to cure for many years after manufacture. Whilst this happens and usually during its initial life, a level of porosity may exist where some product retains water, giving a damp appearance. This will diminish as the concrete continues to harden as the product dries out.
Aged and distressed products	For certain products, we distress the edges to offer an aged appearance and enhance the

Differential Curing

character of the paving. A dusty residue can be left on the blocks. This will weather away. Dark patches occasionally appear on the surface of concrete products. This may be differential curing and is caused by varying moisture levels within the flag drying at different rates. Like efflorescence, given time and the natural weathering process, these patches will become less visible.
