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Date Created: March 2025

Meltone Kerb Radius CS1
Technical Data Sheet

CS1

Description
Brett Meltone wet-pressed kerbs feature a silver-grey granite finish and finely textured surface perfectly complementing both the Meltone Flag paving range and the Invicta Block Paving range.

Application
Brett Meltone Kerbs are suitable for a wide range of domestic, commercial and urban projects, and integrate perfectly with the two available Meltone flag paving options.

Product Type	Precast Concrete Kerb. Incorporates Meltone Radial CS1 Profile Kerbs (All size designations in Annex NA and in accordance with BS 7263 - 3: 2001)
Manufacturing Process	Textured hydraulically pressed concrete.
Manufacturing Standard	BS 7533-101:2021
Design Standard	-
Installation Standard	BS 7533-102: 2025
UKCA/DOP	*Contact Brett for more information*
NBS Specification	45-20-64/370 Precast concrete kerbs / Q10 110

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Product Performance

Product	Nominal Dimensions (mm)	Working Dimensions (mm)	No.per pack	No. per lin.m.	lin.m. per pack	Unit weight kg
1m External Radius	CS1 1ER	125x255x780	1	2	0.78	56
2m External Radius	CS1 2ER	125x255x780	1	4	0.78	56
3m External Radius	CS1 3ER	125x255x780	1	6	0.78	56
6m External Radius	CS1 6ER	125x255x780	1	12	0.78	56
8m External Radius	CS1 8ER	125x255x780	1	16	0.78	56
10m External Radius	CS1 10ER	125x255x780	1	20	0.78	56
1m Internal Radius	CS1 1IR	125x255x780	1	2	0.78	56
2m Internal Radius	CS1 2IR	125x255x780	1	4	0.78	56
3m Internal Radius	CS1 3IR	125x255x780	1	6	0.78	56
6m Internal Radius	CS1 6IR	125x255x780	1	12	0.78	56
8m Internal Radius	CS1 8IR	125x255x780	1	16	0.78	56
10m Internal Radius	CS1 10IR	125x255x780	1	20	0.78	56

Tensile Strength	Class 3 - Characteristic bending strength of 6.7 MPa with no individual results less than 4.0 MPa
Abrasion Resistance	Class 4 - ≤ 20mm - Determined by Wide Wheel Abrasion Test
Durability	Water Absorption - Class 2 ≤ 6% by mass
Slip / Skid Resistance	(USRV) Potential for Slip - extremely low
Thermal Conductivity	1.2 W/(mK)
Emission of Asbestos	No content
External Fire Performance	Deemed to satisfy
Reaction to Fire	Class A1 when used for internal flooring

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	-

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 a number of 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 character of the paving. A dusty residue can be left on the blocks. This will weather away.
Differential Curing	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.