

# Meltone Kerb CS1

## Technical Data Sheet



Black Fleck



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Flat Top Edging

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.

<b>Product Type</b>	Precast Concrete Kerb. Incorporates Meltone CS1, CS2 Kerbs & Flat Top Edgings (All size designations in Annex NA and in accordance with BS 7263 - 3 : 2001)
<b>Manufacturing Process</b>	Textured hydraulically pressed concrete.
<b>Manufacturing Standard</b>	BS 7533-101:2021
<b>Design Standard</b>	-
<b>Installation Standard</b>	BS 7533-102: 2025
<b>UKCA/DOP</b>	Contact Brett for more information
<b>NBS Specification</b>	45-20-64/370 Precast concrete kerbs / Q10 110

## Product Performance

Product	Nominal Dimensions (mm)	Working Dimensions (mm)	No. per pack	No. per lin.m.	lin.m. per pack	Unit weight kg
CS1 Square Edge <b>CS1 Square Edge Radial</b>	125x522x914	125x255x914	16	1.09	14.68	1104
1m External Radius	125x255x780	125x255x780	1	2	0.78	56
2m External Radius	125x255x780	125x255x780	1	4	0.78	56
3m External Radius	125x255x780	125x255x780	1	6	0.78	56
6m External Radius	125x255x780	125x255x780	1	12	0.78	56
8m External Radius	125x255x780	125x255x780	1	16	0.78	56
10m External Radius	125x255x780	125x255x780	1	20	0.78	56
1m Internal Radius	125x255x780	125x255x780	1	2	0.78	56
2m Internal Radius	125x255x780	125x255x780	1	4	0.78	56
3m Internal Radius	125x255x780	125x255x780	1	6	0.78	56
6m Internal Radius	125x255x780	125x255x780	1	12	0.78	56
8m Internal Radius	125x255x780	125x255x780	1	16	0.78	56
10m Internal Radius	125x255x780	125x255x780	1	20	0.78	56
CS1 External Quadrant	305x305x255	305x305x255	1	-	-	23
CS1 External Angles	125x255x305	125x255x305	1	-	-	41
CS1 Internal Angles	125x255x305	125x255x305	1	-	-	41
Dropper Kerb	125x(255 to 150)x914	125x(255 to 150)x914	1	1.09	14.68	54
Flat Top Edging	50x150x914	50x150x914	40	1.09	36.68	640

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

## Sustainability

<b>BREEAM</b>	Contact Brett for more information
<b>BES 6001</b>	Contact Brett for more information
<b>Recyclable</b>	Contact Brett for more information
<b>Embodied Carbon</b>	Contact Brett for more information
<b>Brett 5-Star Sustainability Rating</b>	-

## **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:

<b>Efflorescence</b>	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.
<b>Porosity</b>	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.
<b>Aged and distressed products</b>	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.
<b>Differential Curing</b>	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.