

Trief Kerb Cadet GST1A

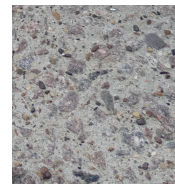
Technical Data Sheet



Concrete

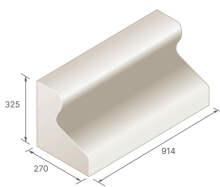


Granite

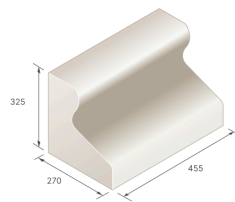


Exposed

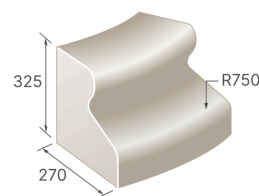
Trief Cadet GST1A - Concrete



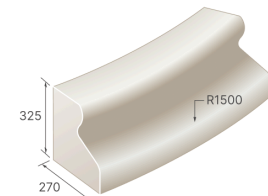
Standard



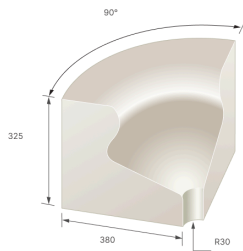
Half Kerb



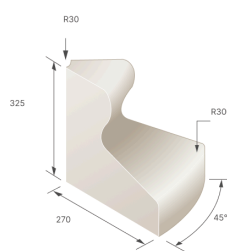
Radius 750mm



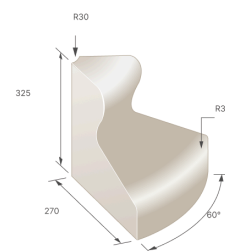
Radius 1500mm



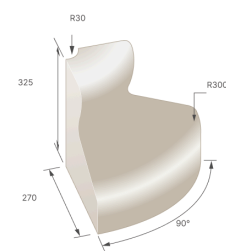
Internal Quadrant 90°



External Quadrant 45°



External Quadrant 60°



External Quadrant 90°

Description

The Trief Cadet (GST1A) Commercial Kerb system delivers high levels of vehicle and pedestrian protection, thanks to its size and unique shape. Typically supplied in a smooth concrete finish, it's also available in a rough 'washed' finish or in natural granite.

Application

Brett Trief Cadet (GST1A) Kerbs are designed for use on roads with a maximum traffic speed of up to 30mph, making them ideal for urban and residential areas, as well as smaller traffic calming schemes.

Product Type	Precast Concrete Kerb Units. Incorporates Trief GST2A Straight Kerbs & Fittings.
Manufacturing Process	Wet cast vibrated concrete.
Manufacturing Standard	BS EN 1340: 2003
Design Standard	<i>Contact Brett for more information</i>
Installation Standard	BS 7533-102: 2025
UKCA/DOP	<i>Contact Brett for more information</i>
NBS Specification	45-20-64/385 Precast concrete containment kerbs Q10 110 115

Product Performance

Product	Nominal/working Dimensions (mm)	Pack wt max kg		
		Concrete	Granite	Exposed
Standard 914mm	270x325x914	149	165	149
Half Kerb	270x325x455	74	82	74
Radius 750mm	270x325	51	56	51
Radius 1500mm	270x325	114	126	114
Internal Quadrant 90°	270x325	49	54	49
External Quadrant 45°	270x325	19	21	19
External Quadrant 60°	270x325	25	28	25
External Quadrant 90°	270x325	37	41	37

Tensile Strength	Annex F Compliant - Second moment of inertia satisfactory
Abrasion Resistance	Class 4 - ≤ 20mm - Determined by Wide Wheel Abrasion Test
Durability	Water Absorption - Class 2 ≤ 6% by mass ≤ 1,5kg/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	<i>Contact Brett for more information</i>
BES 6001	<i>Contact Brett for more information</i>
Recyclable	<i>Contact Brett for more information</i>
Embodied Carbon	<i>Contact Brett for more information</i>
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 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.