

Product Information

The shallower Trief GST1A profile has been designed to have a slimmer toe section. This serves to minimise excavation requirements and allow installation within limited depth applications, for example, around the vulnerable structural parapets and edge beams of bridges.

Trief Kerb units deliver protection from vehicle impact and accidental loading, acting as a highly effective yet economical barrier that shields pedestrians and the structure itself.



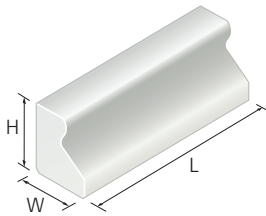
Product specification

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.

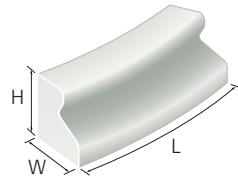
Trief spacing - all profiles

When installed in a straight run the spacing between the kerbs should be 3-12mm.

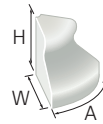
When installed to a curve/radius the spacing between the kerbs should be 3-12mm, however in some instances this is not possible and this spacing may be exceeded.



Trief GST1 Cadet
Standard Kerb



Trief GST1 Cadet
Radius



Trief GST1 Cadet
Quadrants

GST1 Cadet Trief Kerb - dimensional tolerances

Product code	L \pm 5mm	W \pm 8mm	H \pm 5mm	Product weight (Kg)
Standard and straight units				
GST1A914	914	270	325	152
GST1A455	455	270	325	70
External Radius	L \pm 5mm	W1 \pm 8mm	H \pm 5mm	
GST1A75ER	393	270	325	56
GST1A1.5ER	785	270	325	117
Quadrants	A \pm 1°	W1 \pm 5mm	H \pm 8mm	
GST1AQ45E	45	270	325	18
GST1AQ60E	60	270	325	24
GST1AQ90E	90	270	325	36
GST1AQ90I	90	270	325	46

Note: for tapers see GST2A Data Sheet

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