Fusion Radii Kerb

SCAN HERE

Curves & arcs.

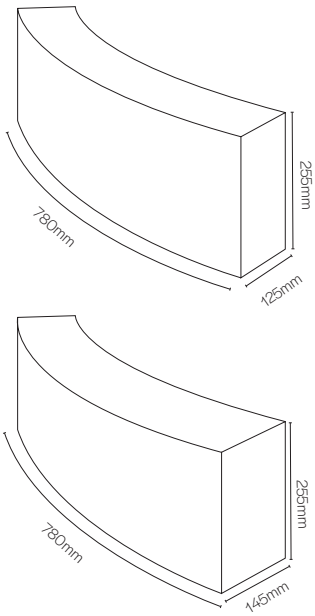
Fusion Radii Kerbs is an extensive range including both concave and convex kerbs, so any type of bend, curve or arc can be created.

- Specially manufactured radius kerbs, either concave or convex
- Attractive granite finish
- Provides high quality detailing

TGA
Textured Granite Aggregate

Finish

Pedestrian Use



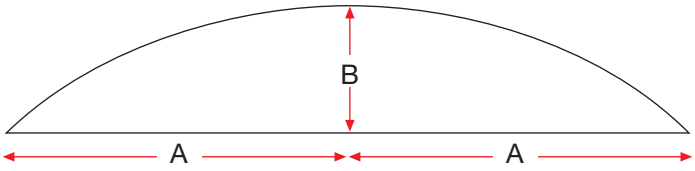
Sizes



Fusion Radii Kerb

Calculating the radius of a curve

The size of any radius can be determined by measuring the length of a chord stretched between the arc and then measuring a perpendicular to that chord at the centre. This is illustrated in the diagram below. This is a handy equation often used on site to determine the size of an unknown radius that is to be kerbed, so that the correct size of radius kerbs can be used.



$$\text{Radius} = \frac{A^2 + B^2}{2B}$$

The size of a radius is ALWAYS measured to the face of the kerbline, whether the radius is internal or external.

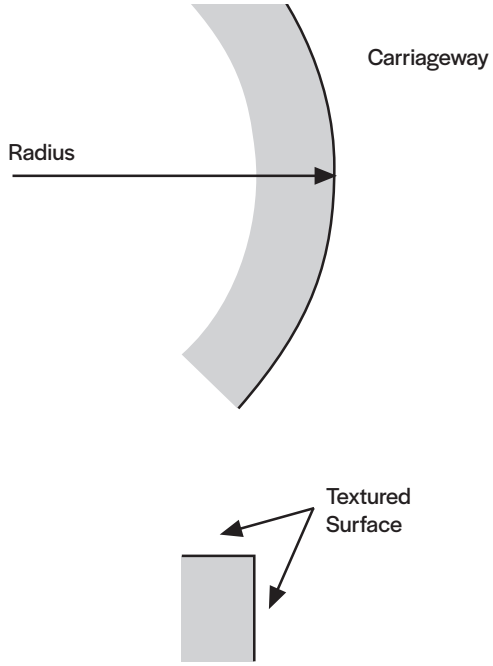
Specification

Product type	Concrete Kerb
Manufactured to	BS EN 1340:2003
Breaking / Bending Strength: Transverse Test	Characteristic bending strength of 3.5 MPa with no individual result less than 2.8 MPa
Durability (Freeze-thaw)	≤ 1.0 kg/m² as a mean with no individual value > 1.5 kg/m² Class 3
Abrasion Resistance (mm)	≤ 23mm (Wide Wheel Abrasion Test)
Installed to	BS 7533-102:2025
Slip/Skid resistance	Mean polished skid resistance value (PSRV) >45, Mean unpolished skid resistance value (USRV) >45
NSS Plus	**Plus** Q10 110 **Create** 45-20-64/370
Applications	As per Fusion Kerb
Energy used	100% renewable energy
Water used	100% from our rainwater harvesting system and groundwater bore hole
Recycled content	Not less than 5%
EPD **Carbon footprint**	**125mm Radii Kerbs** 10.86kgCo²e/LM **145mm Radii Kerbs** 12.70kgCo²e/LM
Recyclable	100% of this product can be recycled
Manufacturing & Delivery	From one location within the UK
BREEAM **rating** www.**bre**.co.uk	Refer to the Green Guide to Specification, 4th Edition 2009.

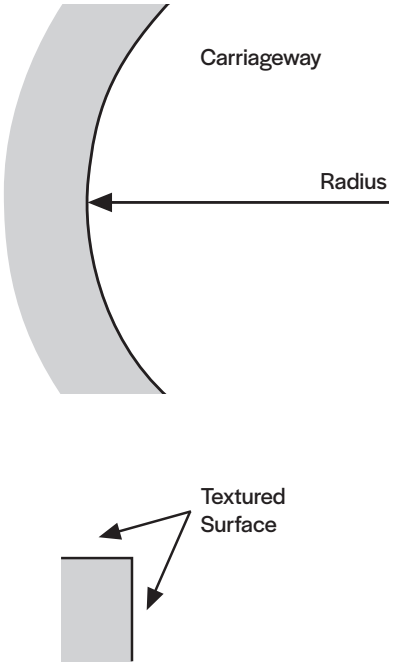
Tobermore products are manufactured in accordance with an accredited ISO 9001:2015 quality. Manufacturing facilities are accredited to ISO14001:2015 Environmental Management. The company publish environmental labels and declarations in accordance with BES 6001.

Fusion Radii Kerb

Convex (external) Radius



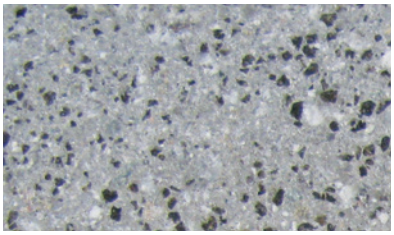
Concave (internal) Radius



Stock

product	size (mm)	no. per quarter circle	colours available	in stock	no. per pack	weight kg per pack GB	weight kg per pack NI/ROI
Fusion Radii Kerb 125mm (*radius of curve) **Fusion Internal or External**	125 x 255 x 780 (1m*)	2	Silver	YES	16	936	936
	125 x 255 x 780 (3m*)	6	Silver	YES	16	872	872
	125 x 255 x 780 (4m*)	8	Silver	YES	16	896	896
	125 x 255 x 780 (5m*)	10	Silver	YES	16	920	920
	125 x 255 x 780 (6m*)	12	Silver	YES	16	936	936
	125 x 255 x 780 (9m*)	18	Silver	YES	16	904	904
Fusion Radii Kerb 145mm (*radius of curve) **Fusion Internal or External**	145 x 255 x 780 (1m*)	2	Silver	YES	16	1120	1120
	145 x 255 x 780 (3m*)	6	Silver	YES	16	1040	1040
	145 x 255 x 780 (4m*)	8	Silver	YES	16	1072	1072
	145 x 255 x 780 (5m*)	10	Silver	YES	16	1056	1056
	145 x 255 x 780 (6m*)	12	Silver	YES	16	936	936
	145 x 255 x 780 (9m*)	18	Silver	YES	16	1024	1024

Silver



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