

**PRE-CAST CONCRETE RADIUS KERBS**

Reviewed: October 2007

RADII AND DIMENSIONS OF PRECAST RADIUS KERBS				
No	Shape	Radius	Length of Pieces mm	Number of Pieces per Quadrant
1.	Radius - convex	1.3R	510.5*	4
2.	Radius - convex	1.5R	589*	4
3.	Radius - convex	3.0R	586*	8
4.	Radius - convex	6.0R	604*	16
5.	Radius - concave	1.3R	510.5	4
6.	Radius - concave	1.5R	589	4
7.	Radius - concave	3.0R	586	8
8.	Radius - concave	6.0R	604	16
9.	Radius - special	0.55R	566*	special

* DENOTES OUTSIDE ARC

PERMISSABLE TOLERANCES: IN LENGTH 3.0mm
 IN WIDTH 1.5mm
 IN HEIGHT 3.0mm

SEE NOTE 4.2b FOR 1.3m RADIUS KERBS
 SEE NOTE 4.2c FOR 3.0m RADIUS KERBS
 SEE NOTE 4.2d FOR SPECIAL RADIUS KERB
 SEE NOTE 4.2e FOR 1.5m RADIUS KERBS
 SEE NOTE 4.2f FOR 6.0m RADIUS KERBS

Precast Concrete Radii Kerbs

All concrete used in the manufacture of kerbing shall have a minimum compressive strength of 25MPa at 28 days. It shall have a maximum aggregate size of 14mm. The mixing shall be done with approved mechanical equipment and the quality of the concrete shall be in accordance with AS1379-1997. The mould shall be of approved strength and stiffness to resist vibration and ramming stresses and be close-jointed to prevent leakage.

Compaction of the poured material shall be effected by an approved type vibrator, care being taken to ensure that the materials are not separated by excessive vibration.

The radius kerbing shall be of 300mm x 150mm cross-section, in lengths as specified.

Permissible tolerances:

in length - 3.0mm
 in width - 1.5mm
 in height - 3.0mm

The radius shall be clearly marked on one of the unexposed faces.