



City of Perth

Design and Construction Note

402.00

Standard Kerb Types and Installation Details

Precast Concrete Kerbs

General Specification

Reviewed: 17/11/2021

Precast Concrete Kerbs

1) Concrete

All concrete used in the manufacture of precast kerbing shall have a minimum compressive strength of 40MPa at 28 days. It shall have a maximum aggregate size of 14mm.

2) Mixing

The mixing shall be done with approved mechanical equipment and the quality of the concrete shall be in accordance with AS1379-1997. Compaction of the poured material shall be effected by an approved type vibrator. Care is to be taken to ensure that the materials are not separated by excessive vibration.

3) Casting Mould

The mould shall be of an approved strength and stiffness to resist vibration and ramming stresses. The mould shall be close-jointed to prevent leakage.

4) Tolerances

The finished kerb shall conform to the following tolerances:

length: $\pm 3.0\text{mm}$

width: $\pm 1.5\text{mm}$

height : $\pm 3.0\text{mm}$

5) Demarcation

Curved kerbs shall have the radius clearly marked on one of the unexposed faces.

6) Nominated Supplier

Perth Terrazzo and Concrete Solutions

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