
Concrete Kerb and Channel A120.01



GENERAL

DESIGN STATEMENT

The cast in situ concrete barrier kerb and channel is generally used to delineate between areas for pedestrian usage and vehicle usage and acts as a drainage channel, directing stormwater road surface flows into the underground stormwater drainage network.

APPLICABLE LOCATION

The cast in situ concrete barrier kerb and channel should be used in all new road works excluding heritage areas.

COUNCIL STANDARD DRAWING

SD 201 Concrete kerb and channel.

CROSS REFERENCE DOCUMENT

- See AS 14281-1998 and also AS1379 (Australian Specification and Standard supply of concrete). Merri-bek Standard Specifications Sections 80, 82 & 61. See also Vic Roads Specifications: Section 501 Concrete base and Sub-base Pavement Courses, Section 820 Recycled and Crushed Concrete for Pavement and Sub-base & Light duty base.

STANDARD SPECIFICATION

Mix: Concrete shall be ready mix in accordance with relevant Australian Standards and shall have a 28 day compressive strength of 25 MPa minimum.

SUPPLIER

N/A

MAINTENANCE

Street Cleansing Unit: Cleaning will be undertaken as per current schedule.

Parks Unit: Remove any litter build up when required.

Road Maintenance Unit: Replace sections of concrete channels when damaged between nearest joints.

GENERAL NOTES

1. Concrete strength to be 25 MPa unless specified otherwise.
2. Charcoal colour concrete, where specified shall be by adding "Abilox" black colour powder or equivalent into the premix concrete. The rate of powder shall be 8.3% by weight of cementitious binder (approx. 25kg per cubic metre of concrete)
3. Refer to Road Pavement Reinstatement in Front of New Vehicle Crossing SD 265E.

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