
Concrete Semi Mountable Kerb and Channel A120.02



DESIGN STATEMENT

The cast in situ semi mountable (SM2) kerb and channel has the same function as the concrete barrier kerb and channel (Tech Note A120.01) but allows movement of vehicles across the kerb line with a low degree of discomfort.

APPLICABLE LOCATION

The cast in situ semi mountable kerb should be used where vehicle is occasionally allowed to mount across the kerb and channel such as around median strips, centre islands, approach islands, splitter islands and when surface drainage is required.

COUNCIL STANDARD DRAWING

SD 203 Kerb and channel (SM2)

CROSS REFERENCE DOCUMENT

- Australian Standard 1379 and Merri-bek Standard Specification Section 61 and 80.

STANDARD SPECIFICATION

Concrete semi mountable kerb and channel kerb should be cast in situ with premix concrete in accordance with relevant Australian Standard and Merri-bek City Council Standard Specifications.

Concrete strength: Concrete strength is to be 25 MPA (28 day compressive strength).

SUPPLIER

N/A

MAINTENANCE

Road Maintenance Unit: Replace damaged sections of the kerb and channel between joints. Do not repair small sections.

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

GENERAL NOTE

1. Concrete strength to be 25 MPa, unless specified otherwise.
2. Charcoal coloured concrete, where specified, shall be by adding 'Abilox' black colour powder or equivalent to 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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