
Concrete Modified Semi Mountable Kerb and Channel A120.03



GENERAL

DESIGN STATEMENT

The cast in situ modified semi mountable (SM2M) kerb and channel has been designed to allow the crossing of a vehicle across the kerb and channel without a need to have a layback in the standard barrier kerb and channel.

APPLICABLE LOCATION

The SM2M kerb and channel should be used in new subdivisions, where the road carriageway is narrow, vehicle crossing is to be constructed afterwards and surface drainage is required. Its profile allows for installation of vehicle crossing type 3 without the need to remove the kerb and channel.

COUNCIL STANDARD DRAWING

SD 202 Kerb and channel (SM2M)

CROSS REFERENCE DOCUMENT

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

STANDARD SPECIFICATION

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

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

SUPPLIER

N/A

MAINTENANCE

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

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

GENERAL NOTES

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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