

Product Data

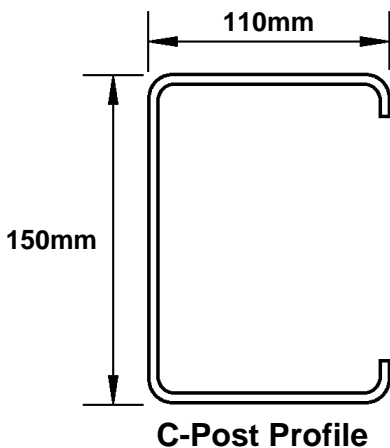
W-Beam Guardrail with C-Posts

Safe Vehicle Containment and Re-Direction



W-beam guardrail is the world's most widely specified safety barrier system. It comprises steel posts that support a w-beam rail element. Safe vehicle containment and re-direction is developed through a combination of the flexural resistance of the rail and the bending resistance of the posts.

The C-posts are designed to be driven directly into the ground or are available with base plates for mounting on a concrete footing.



Specifications

- Adopted for use in Qld, NSW, SA & WA.
- Standard post spacing: 2m.
- Standard post length: 1800mm (NSW, SA & WA).
1850mm (Qld).
- System height (measured to top of rail): 710mm (NSW & SA).
730mm (Qld & WA).
- Hot dip galvanised components in accordance with AS/NZS 4680.
- Recommended end terminal options:
 - SKT-SP (NCHRP Report 350 TL3 Compliant).
 - FLEAT-SP (NCHRP Report 350 TL3 Compliant).

Features

- The high visibility of w-beam creates driver confidence.
- The C-post and block design reduces wheel snagging and the consequential effects of vehicle vaulting or rollover.
- Performs well on the outside of curves, even those of relatively small radius, as the concave shape (in plan view) supports the development of tension in the w-beam rail.
- Adaptable for verge and median configurations.

