

# Product Data

## Thrie-Beam with Modified Blocks

*High Containment, Heavy Duty*



To improve the performance of thrie-beam for heavy vehicle impacts, the modified block design (also known as the notched block) was developed. This block improves the performance of thrie-beam by keeping the thrie-beam rail face nearly vertical through the impact zone as the posts are pushed backwards.

This feature maintains the height of the thrie-beam rail and further minimises the likelihood of vehicle vaulting, providing safe containment and re-direction.

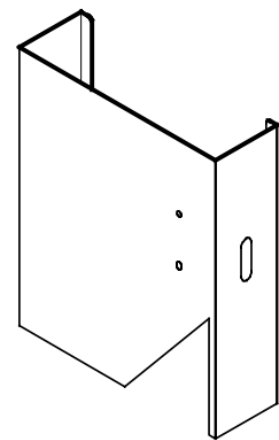


### Specifications

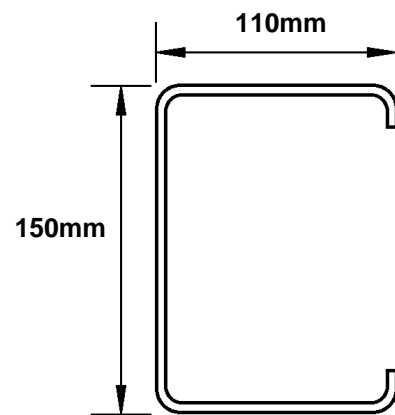
- Determined by AS/NZS 3845: Road Safety Barrier Systems as compliant to NCHRP Report 350 Test Level 4.
- Standard post spacing: 2m.
- Standard post length: 2100mm (except Qld).  
2150mm (Qld).
- System height (measured to top of rail): 865mm (except Qld).  
885mm (Qld).
- System deflection: 1.0m (8000kg vehicle as per AS/NZS 3845).
- 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 modified block design and increased thrie-beam rail height improves performance for heavy and high centre of gravity vehicle impacts.
- Shields hazards located close to the edge of the roadway.
- 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 thrie-beam rail.
- Adaptable for verge and median configurations.



**Modified Block**



**C-Post Profile**