



MaxiRail - Data Sheet

NCHRP350 COMPLIANT

High Containment Barrier

Specification

- NCHRP 350 Test Level 5 (TL5) compliant
- European EN1317 Class H4b compliant
- Height of system – 1.15m
- System width – 0.57m
- Post spacing – 1.33m
- TL5 deflection – 1.65m
- All items hot dipped galvanized



How Maxi-Rail Works

Maxi-Rail consists of 2700mm long C-channel posts at 1.33m centres. Attached to each post are trapezoidal offset blocking pieces, and upper and lower C-channel rail elements with a w-beam bolted to the lower C-channel element. The barrier is backed by three 20mm diameter wire rope cables. These ropes and the top beam element are anchored to a 1050x1050x800mm concrete anchor block.

Application Benefits

- Compliant to TL5 (36,000kg Tractor/Van Trailer travelling at 80 km/h and 15 degrees)
- Compliant to European EN1317 Class H4b (38,000kg Flatbed Tractor/Trailer travelling at 65km/h and 20 degrees)
- Provides an increased level of protection for use on roadways with a large percentage of heavy vehicle movements
- Provides safe containment and redirection for small vehicle impacts.
- Low deflection provides increased motorist protection against hazards located close to roadways

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