



QuadGuard® Crash Cushion Data Sheet

Non-Gating Fully Redirective Crash Cushion

NCHRP-350 TL3 COMPLIANT

Features & Benefits

- Compliant to NCHRP350, AS/NZS 3845:1999
- Compact, modular design (one to 12 bays accommodates speeds from 40 km/h to 120 km/h.
- Able to shield hazards up to 3200mm wide
- Quad-Beam™ panels provide 30% higher beam strength than thrie beam.
- Monorail base eliminates the need for anchoring chains and tension cable-easier installation.
- Simplified backups-choose from Tension Strut or Concrete.
- Multiple transitions available.
- High efficiency 80 per cent reusability after most design impacts.
- Relocatable QuadGuard® CZ systems available.

QuadGuard® crash cushions are available to shield hazards from 610mm to 3200mm wide, and for speeds from 40km/h to 120km/h.

Each QuadGuard® System consists of crushable, energy-absorbing cartridges surrounded by a framework of exclusive steel Quad-Beam™ panels.

The QuadGuard® System has successfully passed the complete NCHRP 350 Test Level 2 & 3 test matrix. Higher speed units are available.

During head-on design impacts, the QuadGuard® Systems telescope rearward and progressively crush the cartridges to absorb the energy of impact.

When impacted from the side, the QuadGuard® System safely redirects the errant vehicle back toward its original path without gating.

Fully-tested transition panels are available to all common guard rail profiles, concrete structures and temporary steel barriers.



Speed	Bays	Length	Hazard Width - Max	Height
40km/h	1	2.16m	915mm	817mm
60km/h	2	3.08m	915mm	817mm
70km/h	3	4.00m	2285mm	817mm
80km/h	4	4.91m	2285mm	817mm
90km/h	5	5.83m	2285mm	817mm
100km/h	6	6.74m	3200mm	817mm
110km/h	8	8.54m	3200mm	817mm
115km/h	9	9.49m	3200mm	817mm