Product Data Sheet

RhinoStop® Elite

Last Updated: September 2025

SafeDirection
CRASH BARRIER SOLUTIONS

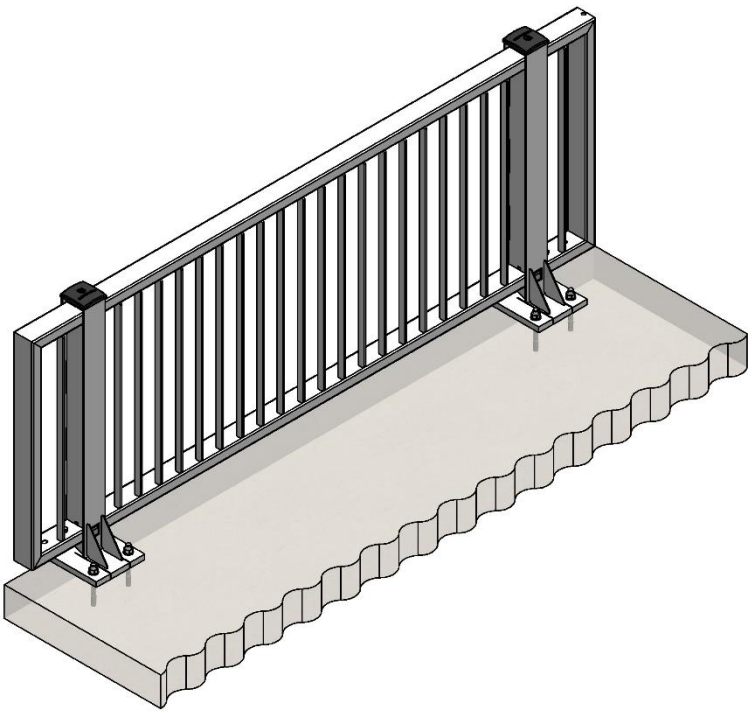
Crash Test Performance

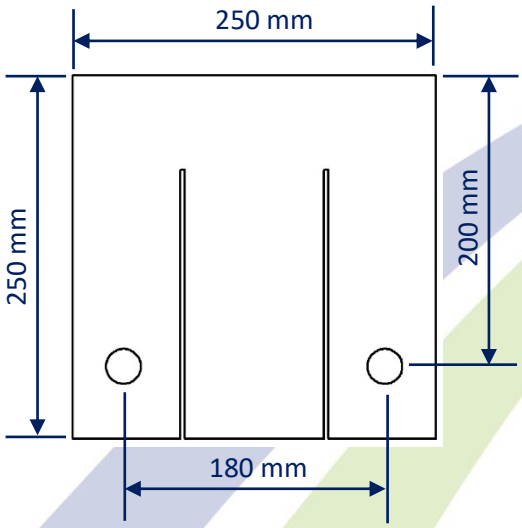
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5m	13.2 kilojoules	One (1) panel supported by two (2) posts at 2.3 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.
2000 kg	22 km/h	0.5m	37.2 kilojoules	Three (3) panels supported by four (4) posts at 2. 3m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.
2000 kg	20 km/h	1.0m	31.4 kilojoules	Two (2) panels supported by three (3) posts at 2.3 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.

Installation

Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness
M20 Fischer FBN II	115 mm	200 Nm	2 off	150 mm

System Detail





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AS/NZS 1170.1, Clause 3.8 — 30kN — Type F

AS/NZS 1170.1, Clause 3.8 — 240kN — Type F Heavy Duty

AS/NZS 1170.1, Clause 3.8 — 40kN — Type G

Feature & Benefits

- Crash tested to exceed ALL impact conditions nominated in AS/NZS 1170.1, Clause 3.8.
- Nil damage to the anchors or 150mm thick elevated concrete slab following crash testing.
- The yielding of the baseplate allows the system to deflect and absorb higher impact loads.
- Fully modular design with integrated pedestrian fall protection.
- Hot dip galvanised steel construction providing long term durability.
- Fewer anchor bolts when compared to traditional rigid post systems.