

Product Data Sheet

RhinoStop® Elite



Updated: February 2026

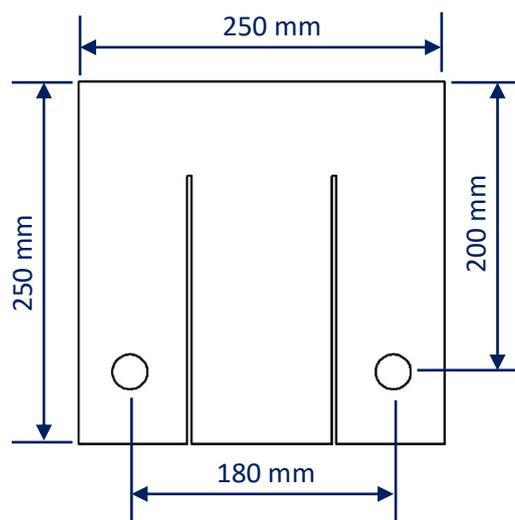
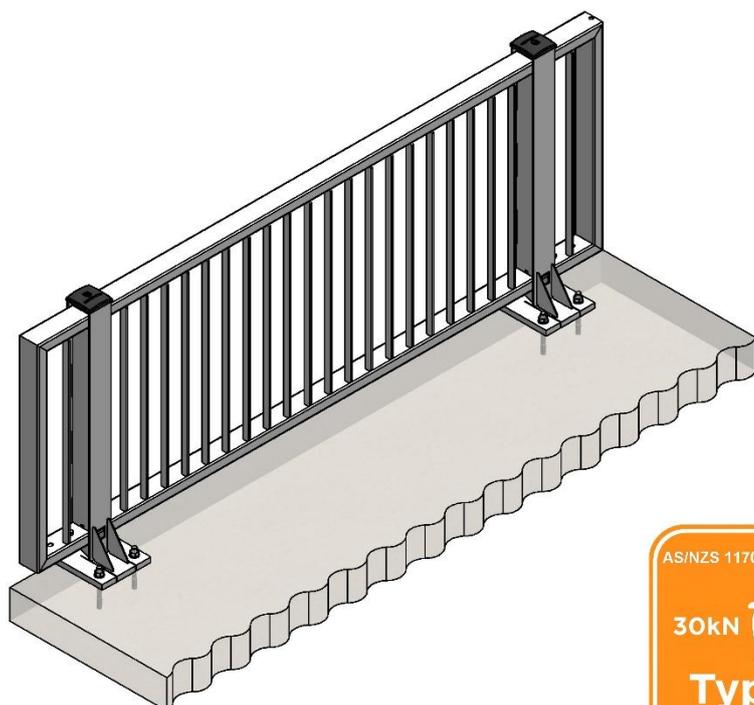
Crash Test Evaluation

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

Installation

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

System Detail



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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.
- The narrow gap between balusters complies with Australian Standard requirements.
- The open design facilitates high cross flow ventilation throughout the car park.
- The aesthetic design permits natural light into the parking structure.
- Hot dip galvanised steel construction providing long term durability.
- Fewer anchor bolts when compared to traditional rigid post systems.

