Product Data Sheet

RhinoStop® Heavy Duty

Last Updated: September 2025

SafeDirection
CRASH BARRIER SOLUTIONS

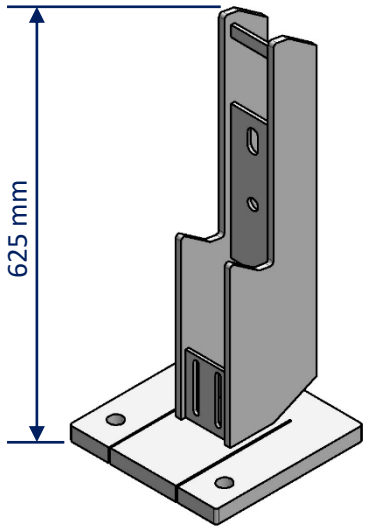
Crash Test Performance

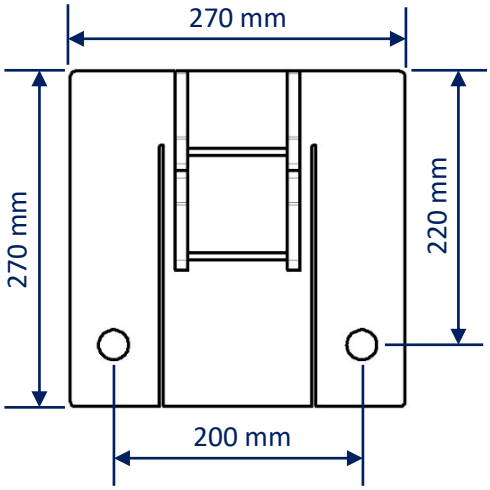
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
2000 kg	30 km/h	0.5m	67.2 kilojoules	4 m w-beam supported by six (6) posts at 0.8 m centres positioned on the outside edge of a 150 mm elevated concrete slab.

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

Post Detail





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

Feature & Benefits

- Crash tested to exceed the 240kN impact condition nominated in AS/NZS 1170.1, Clause 3.8.
- Nil damage to the anchors or 150mm thick elevated slab following crash testing.
- The yielding of the baseplate allows the system to deflect and absorb higher impact loads.
- Fully modular design, can be configured with pedestrian fall protection up to 1300 mm high.
- All steel construction providing long term durability.
- Fewer anchor bolts when compared to traditional rigid post systems.

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