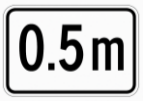
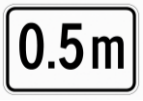
Product Data Sheet

RhinoStop® SkyEdge

Updated: February 2026

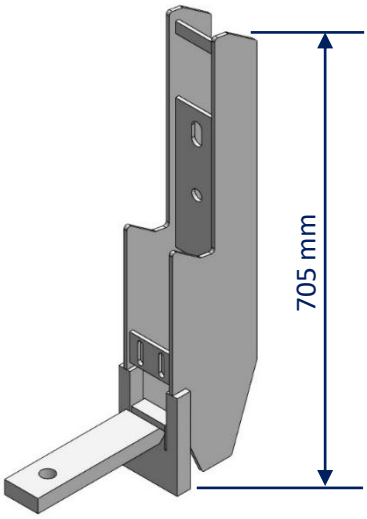
Crash Test Evaluation

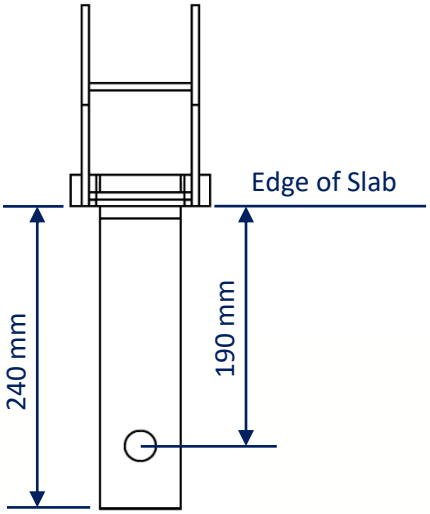
Barrier Configuration	Vehicle Type	Vehicle Mass	Impact Speed	Impact Height	Impact Energy
4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.		1500 kilograms	15 km/h		12.9 kilojoules
6 m w-beam supported by four (4) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.		2000 kilograms	12 km/h		11.7 kilojoules

Installation

Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Slab Thickness
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm

Post Detail





AS/NZS 1170.1, Clause 3.8
30kN
Type F

Feature & Benefits

- Crash tested to exceed the 30kN impact condition nominated in AS/NZS 1170.1, Clause 3.8.
- Zero footprint barrier that does not encroach into the parking space.
- 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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SafeDirection
CRASH BARRIER SOLUTIONS