Product Data Sheet

RhinoStop® TruckGuard

Updated: October 2026

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

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

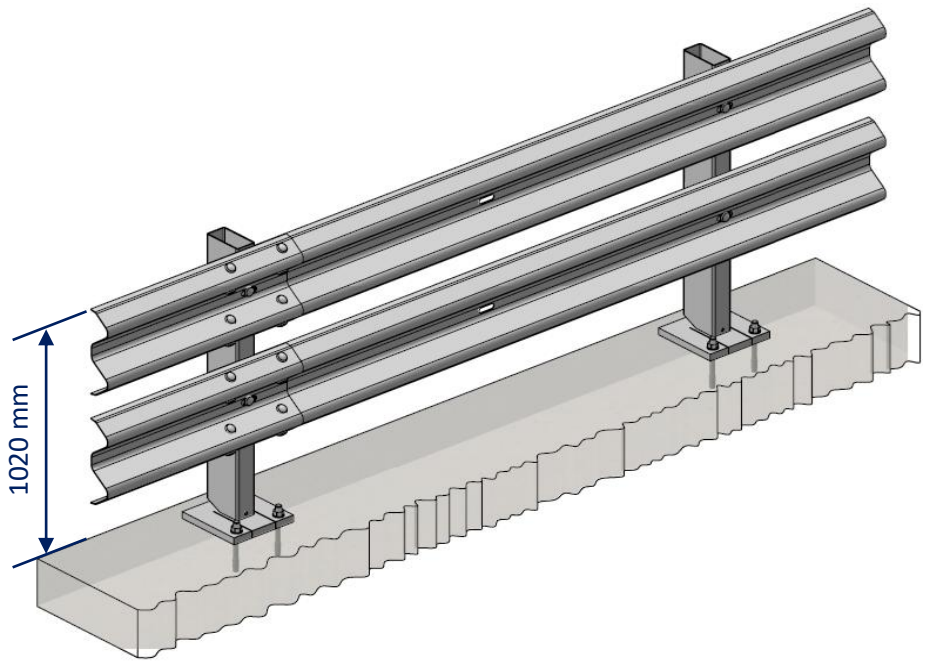
AS/NZS 1170.1, Clause 3.8 — 40kN — Type G

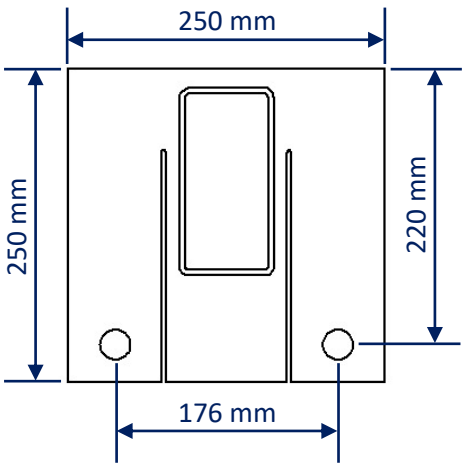
Crash Test Evaluation

Barrier Configuration	Vehicle Type	Vehicle Mass	Impact Speed	Impact Height	Impact Energy
4 m double-height w-beam supported by five (5) posts at 1.0 m centres secured to a 150 mm thick concrete slab.		2000 kilograms	24 km/h	0.5m	46.2 kilojoules
6 m double-height w-beam supported by four (4) posts at 2.0 m centres secured to a 150 mm thick concrete slab.		2000 kilograms	27 km/h	0.5m	57.4 kilojoules
8 m double-height w-beam supported by five (5) posts at 2.0 m centres secured to a concrete slab.		2500 kilograms	20 km/h	1.0m	36.9 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





BASEPLATE

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30kN
Type F

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240kN
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Heavy Duty

AS/NZS 1170.1, Clause 3.8
40kN
Type G



