Product Data Sheet
RamShield® W-Beam

Updated: October 2026

Crash Test Evaluation

Barrier Configuration	Vehicle Type	Vehicle Mass	Impact Speed	Impact Angle	Impact Energy	Dynamic Deflection
Posts at 2m Centres 200mm from 2:1 embankment		1700 kilograms	110 km/h	25 degrees	141.7 kilojoules	1.50 metres
Posts at 2m Centres		2270 kilograms	100 km/h	25 degrees	156.4 kilojoules	1.56 metres

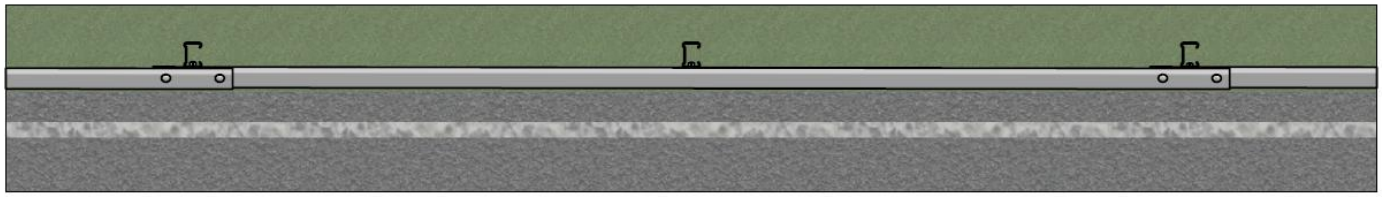
Installation

Post Type	Standard Post Spacing	Post Embedment	Beam Type	System Height
Driven Post	2.0 m	810 mm	W-Beam	800 mm

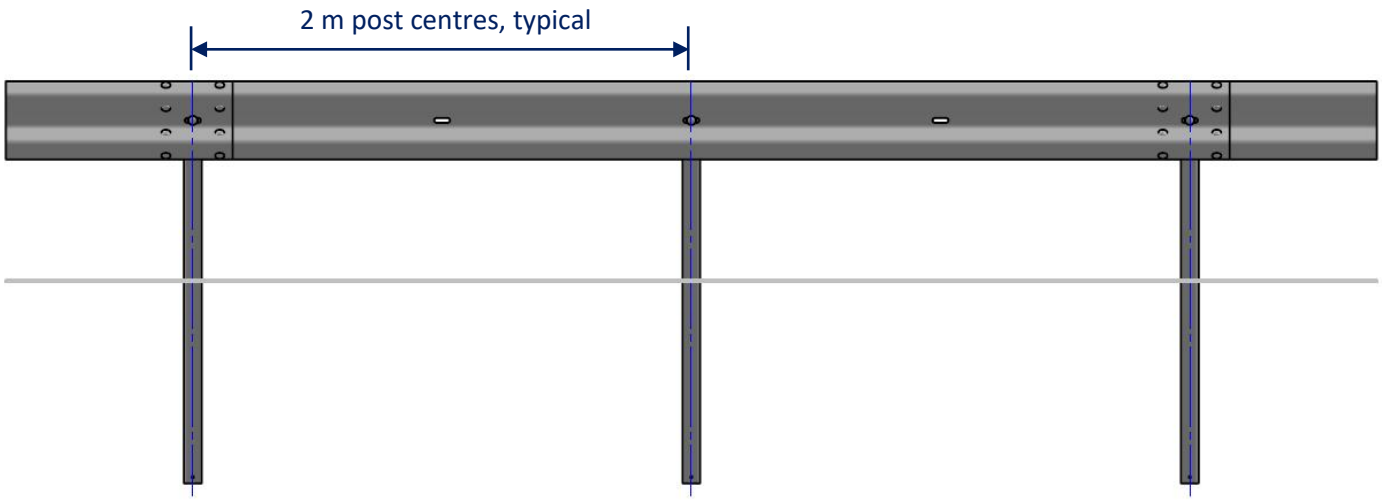


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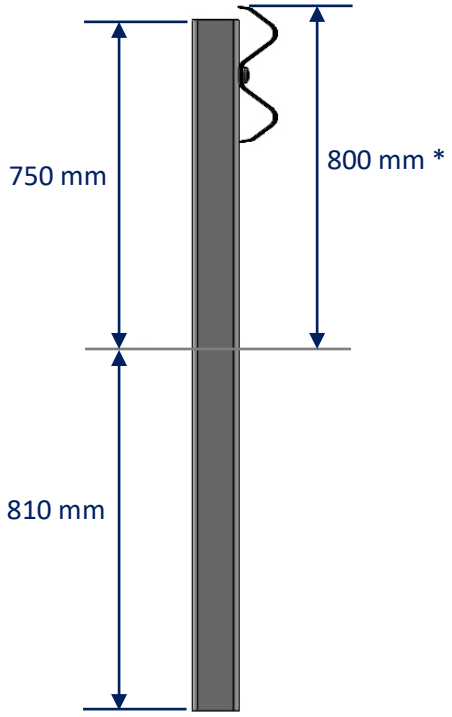
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PLAN VIEW



FRONT VIEW



SIDE ELEVATION

* RamShield® W-Beam has been crash tested at rail heights of between 730mm and 820mm above ground level. An installed height of 800mm provides compatibility with MASH compliant guardrail end terminals.