



ACP Sentry Median Barrier W Beam System

The **ACP Sentry Median Barrier W Beam System** is a roadside **w-beam median guardrail system** suitable for containing, redirecting and shielding vehicles from roadside obstacles.

MASH is the highest crash testing performance criteria, exceeding the requirements of NCHRP 350 TL-3 and is currently the basis performance criteria in Australia for newly developed systems.



Features

- > MASH Test Level 3 compliant as a permanent Longitudinal Median Barrier system
- > AS3845:2015 compliant and recommended for acceptance by the Austroads Safety Barrier Assessment Panel
- > Lesser components, weight and footprint than conventional public domain guardrail systems
- > Superior dynamic deflection results compared to public domain systems
- > Conventional 'C' shaped post but shorter, smaller and lighter than public domain versions
- > No block out, stiffener or bracket between rail and post connection
- > Large flexibility and tolerance in system height to accommodate easy transitioning
- > Designed for use with an X-Tensional 350 Median End Terminal

Specifications

> System Width	283 mm
> Height to top of rail	800 mm
> Height to top of post	790 mm
> Post Weight	13.7 kg
> Post Length	1.64 m
> Post spacing	2.00 m
> MASH TL-3 (1100kg at 100km/h and 25°) Dynamic Deflection	1.10 m
> MASH TL-3 Deflection (2270kg @ 25 degrees)	1.59 m
> Minimum length of barrier between terminals	30 m

Manufacturers of Road Safety Barriers | Australian Construction Products Pty Limited



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