

# EZY-GUARD LDS

INGAL CIVIL PRODUCTS

## Low Deflection Roadside Safety Barrier

### The next generation of the Ezy-Guard suite of safety barriers

#### Features & Benefits

- **Low Deflection:** Low deflection of 1.1m for both MASH Test Level 3 and TL4.
- **High Performance:** Demonstrated containment and re-direction of a 10,000kg truck travelling at 90km/h and a 2,270kg pick-up truck travelling at 100km/h.
- **Rapid Installation:** Fewer components facilitate rapid installation. EzyGuard LDS Z-post design makes it suitable for installation in rock, asphalt or concrete mowing strips.
- **Post-on-Baseplate:** Can be installed as a post-on-baseplate for areas where underground services restrict posts from being driven into the ground.
- **Cost Savings:** Fewer components to purchase, savings on freight costs and faster to install.
- **Narrow Width:** A system of just 245mm conserves valuable formation width.

The EzyGuard LDS roadside safety barrier offers superior hazard protection for highways with constrained verges or medians.

The innovative engineering of the EzyGuard LDS (Low Deflection System) provides several advantages over traditional Thrie-beam guardrail. The Z-section post maximises the bending resistance of the post for angled vehicle impacts. The Z-post is lighter than traditional posts and also has rounded edges which offer a reduced hazard for motorcyclists.

The EzyGuard LDS is designed and manufactured in Australia by Ingal Civil using Bluescope steel. Components are stamped to ensure traceability and quality control of the final product.

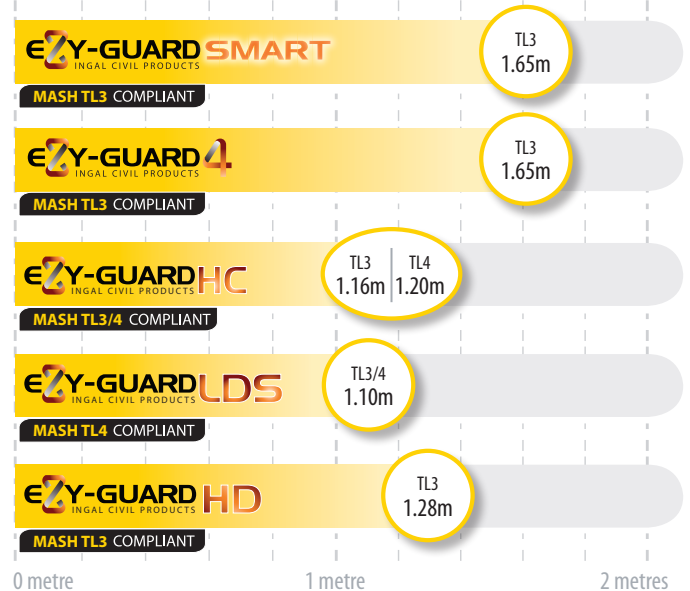
EzyGuard LDS is compatible with the MPR Motorcyclist Protection Rail (MPR) offering further protection for motorcyclists.

**EZY-GUARD LDS**  
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**MASH TL4 COMPLIANT**

*Ezy-Guard LDS (MASH TL4) is the solution for locations where road safety and low deflection are priority.*



#### Comparison of Ezy-Guard Deflections at 2m Post Spacing



Ezy-Guard LDS Z-Post Length:	2,000mm
Ezy-Guard LDS Z-Post Mass:	19.5kg
Ezy-Guard LDS System Mass:	28.8kg per metre
Rail Height Above Ground:	980mm
Z-Post Height Above Ground:	970mm
Post Spacing:	2,000mm
Ezy-Guard LDS System Width:	245mm
MASH TL3 Crash Test Deflection:	1.1m
MASH TL4 Crash Test Deflection:	1.1m