

INGAL CIVIL PRODUCTS Low Deflection Roadside Safety Barrier

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

Features & Benefits

- Deflection: Low deflection of 1.1m for both MASH Test Level 3 and TL4.
- 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.
- plate: Can be installed as a post-onbaseplate 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 (MASH TL4) is the solution for locations where road safety and low deflection are priority.

www.ingalcivil.com.au sales@ingalcivil.com.au



Comparison of Ezy-Guard Deflections at 2m Post Spacing

			1
	रा	TL3 1.65m	
MASH TL3 COMPLIANT			
EZY-GUARD 4.		TL3 1.65m	
MASH TL3 COMPLIANT			
CONTRACT CIVIL PRODUCTS	TL3 TL4 1.16m 1.20n	n	
MASH TL3/4 COMPLIANT			
EZY-GUARDLDS	TL3/4 1.10m		
MASH TL4 COMPLIANT			
EXT-GUARD HD	TL3 1.28		
MASH TL3 COMPLIANT			
0 metre	1 metre		2 metres
Ezy-Guard LDS Z-Post Length:		2,000mn	า
Ezy-Guard LDS Z-Post Mass:		19.5kg	
Ezy-Guard LDS System Mass:		28.8kg p	er metre
Rail Height Above Ground:		980mm	
Z-Post Height Above Ground:		970mm	
Post Spacing:		2,000mn	า
Ezy-Guard LDS System Width:		245mm	
MASH TL3 Crash Test Deflection:		1.1m	

• Sydney (02) 9827 3333

MASH TL4 Crash Test Deflection:

- Brisbane (07) 3489 9125 • Melbourne (03) 9358 4100 • Adelaide/NT 0438 153 482
 - Newcastle 0400 235 883

1.1m

- Perth (08) 9452 9111 • Wagga 0427 779 588
- Local call 1300 446 425
 - Ref: Al1022