



EZY-GUARD

# BRIDGE BARRIER Data Sheet

AS5100 Deck and Side Mounted Bridge Barrier

TL2 & TL3 OPTIONS

AS 5100.2 COMPLIANT

AS/NZS 3845.1 COMPLIANT

## Features & Benefits

- Options for MASH TL2 or TL3.
- Simple to install.
- Designed for minimal load transfer into the structure, reducing potential concrete damage in a crash.
- Less need to repair concrete after impact damage.
- Installation can be up to twice as fast to install than conventional bridge barriers.
- Uses fewer components.
- Reduced installation time provides cost savings.
- Lower impact risk to the vehicle occupants through the controlled yielding of the barrier posts.
- Locally designed & produced.



The new addition to the Ezy-Guard family is the Ezy-Guard Bridge Barrier System.

Using many components from the MASH Test Level 4 Ezy-Guard High Containment system, the bridge barrier configuration is designed for bridges and structures requiring AS5100 compliant edge protection. The Ezy-Guard Bridge Barrier can be deck or side mounted to the bridge structure, saving valuable lane width.

It is compliant to AS 5100.2 - Low Performance Level, AS/NZS 3845.1, and MASH Compliant. When integrated with the MASH TL3, Ezy-Guard 4 system, it provides a high level of roadside safety.

AS5100.2 Low Performance Level is comparable to the MASH Test Level 2 containment level, this is a 2270kg vehicle impacting the barrier at 70km/h and 25°. However, many structures requiring Low Performance Level barriers have posted speeds of 100km/h. For locations with a posted speed higher than 70km/h, a reduced post spacing configuration of the system is available for the MASH TL3 – 100km/h compliant version of the system.

Ezy-Guard Bridge Barrier is designed for minimal load transfer into the structure, reducing potential concrete damage in a crash. This means less road closures or need to repair concrete after impact damage.

BRIDGE BARRIER utilises components from

**EZY-GUARD HC**  
INGAL CIVIL PRODUCTS



Ezy-Guard 4  
Guardrail



Ezy-Guard  
Support Structure



Ezy-Guard HC  
Guardrail and Transition



| Specifications             | TL3 System    |
|----------------------------|---------------|
| Thrie-Beam Length          | 4,000mm       |
| Ezy-Guard BB Z-Post Mass   | 13.5kg        |
| Corrosive Protection       | HDG to AS4680 |
| Rail Height Above Ground   | 980mm         |
| Z-Post Height Above Ground | 970mm         |
| Post Spacing               | 1m or 2m      |
| Ezy-Guard BB System Width  | 245mm         |

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