

QUADGUARD M10 CZ CRASH CUSHION

REVISION REGISTER

Issue & Revision	Description	Date
1	Issued for use.	17/04/2020

The Quadguard M10 CZ system is a fully re-directive and non-gating crash attenuator that incorporates energy absorbing cartridges contained within steel frames, and is suitable for hazards up to 0.61 m wide. This system is the same as the Quadguard M10 system with the exception that it is mounted on a steel plate (anchored to the foundation) for use in temporary situations.

As the Quadguard M10 CZ system is used for temporary situations, rectification of pavement after removal of the anchorage will be required.

For details of the lengths, design and limitations of the system refer to the Quadguard M10 Crash Cushion design sheet.

Note that the Quadguard CZ crash cushion was previously accepted by Main Roads, but will not be accepted for temporary installations on Main Roads WA contracts awarded after 1 January 2022.

Images:



Quadguard M10 CZ (shown not anchored to pavement)

Ownership: Trinity Industries Inc. USA
www.highwayguardrail.com

Supplier: Ingal Civil Products
3 Temperley Close, Welshpool WA 6106
Ph: (08) 08 9358 9139
Website - <http://www.ingalcivil.com.au/>

QUADGUARD M10 CZ CRASH CUSHION

Test Level: Tested in accordance with MASH TL 2 and TL 3

Test Level	Design Speed (km/h)	Number of bays	System length (m)	System width (mm)
MASH TL 2	70	3	3.96	610
MASH TL 3	100	6	6.71	610

Configuration:

- All supplied units to have the yellow nose assembly.
- The foundation acceptable to Main Roads for Quadguard M10 CZ crash cushions is a minimum of 150 mm thick asphalt on 150 mm thick subbase, with M20 x 400mm Gr8.8 chemical anchors.

References:

Relevant FHWA Approval Letters:

https://safety.fhwa.dot.gov/roadway_dept/countermeasures/reduce_crash_severity/barriers/pdf/cc112b.pdf

Code	Description
CC-112C	MASH TL 3 Quadguard M10 CZ with asphalt.