



BAYS	1753mm WIDTH	SYSTEM LENGTH	EFFECTIVE LENGTH	PAD LENGTH	MAX DESIGN SPEED	NO. OF CARTRIDGES	
**	MODEL #	6.71m	6.30m	6.40m	100 km/h	TYPE I	TYPE II
6	QM10069 (627515)					4	3

**NOTES:**

- IN COMPLIANCE WITH THE AASHTO 2011 ROADSIDE DESIGN GUIDE, MANUFACTURER RECOMMENDS REMOVAL OF ALL CURBS AND ISLANDS TO ENSURE PROPER IMPACT PERFORMANCE.
- PROVISION SHALL BE MADE FOR REAR FENDER PANELS TO SLIDE REARWARD UPON IMPACT 762mm MIN.
- 150mm MIN. REINFORCED 28 MPa P.C. CONCRETE PAD WITH ANCHOR BLOCK OR 200mm MIN. NON-REINFORCED 28 MPa P.C. CONCRETE ROADWAY, MEASURING AT LEAST 3.66 m WIDE BY 15.24 m LONG. ANCHOR BLOCK IS NOT REQUIRED WHEN USING 200mm CONCRETE PAD INSTALLED AGAINST AN IMMOVABLE STRUCTURE SUCH AS A CONCRETE WALL OR ABUTMENT.
- SEE THE "QUADGUARD M WIDE SYSTEM PRODUCT MANUAL" FOR A DESCRIPTION OF ITS IMPACT PERFORMANCE CHARACTERISTICS AND DESIGN LIMITATIONS BEFORE PLACING A SYSTEM AT A GIVEN SITE. FOR INFORMATION AND COPIES OF ABOVE MANUAL PLEASE CONTACT YOUR INGAL CIVIL REPRESENTATIVE.

5. WHERE NECESSARY, THE CUSTOMER SHALL SUPPLY AN ADEQUATE TRANSITION FROM THE QUADGUARD M WIDE SYSTEM TO THE OBJECT BEING SHIELDED.

6. THE QUADGUARD M WIDE SYSTEM HAS BEEN TESTED TO MASH TEST LEVEL 3.

7. THE TRANSITION PANEL SHALL BE ANGLED SUCH THAT MAXIMUM GAP FROM FENDER PANEL OVERLAP DOES NOT EXCEED 25mm. ANGLE TO BE 5° MAXIMUM WITH RESPECT TO THE SIDE OF THE SYSTEM. FINAL ALIGNMENT TO BE DETERMINED BY PROJECT ENGINEER.

KEY	
① CARTRIDGE	⑦ TRANSITION
② DIAPHRAGM	8
③ FENDER PANEL	9
④ MONORAIL	10
⑤ NOSE ASSEMBLY	11
⑥ BACKUP	12

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
1	22/09/2021	I-BEAM POSTS REPLACED BY C-POSTS	VB	PP	PP

DRAWING NUMBER	REFERENCE DRAWINGS

NAME	DATE
DRAWN VB	22/05/2020
CHECKED PP	12/06/2020
APPROVED PP	12/06/2020
SCALE N.T.S. @ A3	
ISSUE FOR INFORMATION ONLY	

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PROJECT	TITLE
QUADGUARD M WIDE SYSTEM	TRANSITION TO EZY-GUARD HC

INGAL CIVIL PRODUCTS PART No.	DRAWING No.
	QUAD-STD-002