



RiderPro

RiderPro is a motorcyclist restraint system designed to attach to the **ACP Sentry W Beam (TL-3) & ThrieBeam (TL-4) systems** in order to reduce the impact severity for riders when colliding with roadside w-beam guardrail barrier.

RiderPro is positioned below the w-beam or ThrieBeam guardrail and prevents a sliding motorcyclist from contacting the supporting posts of the guardrail barrier.

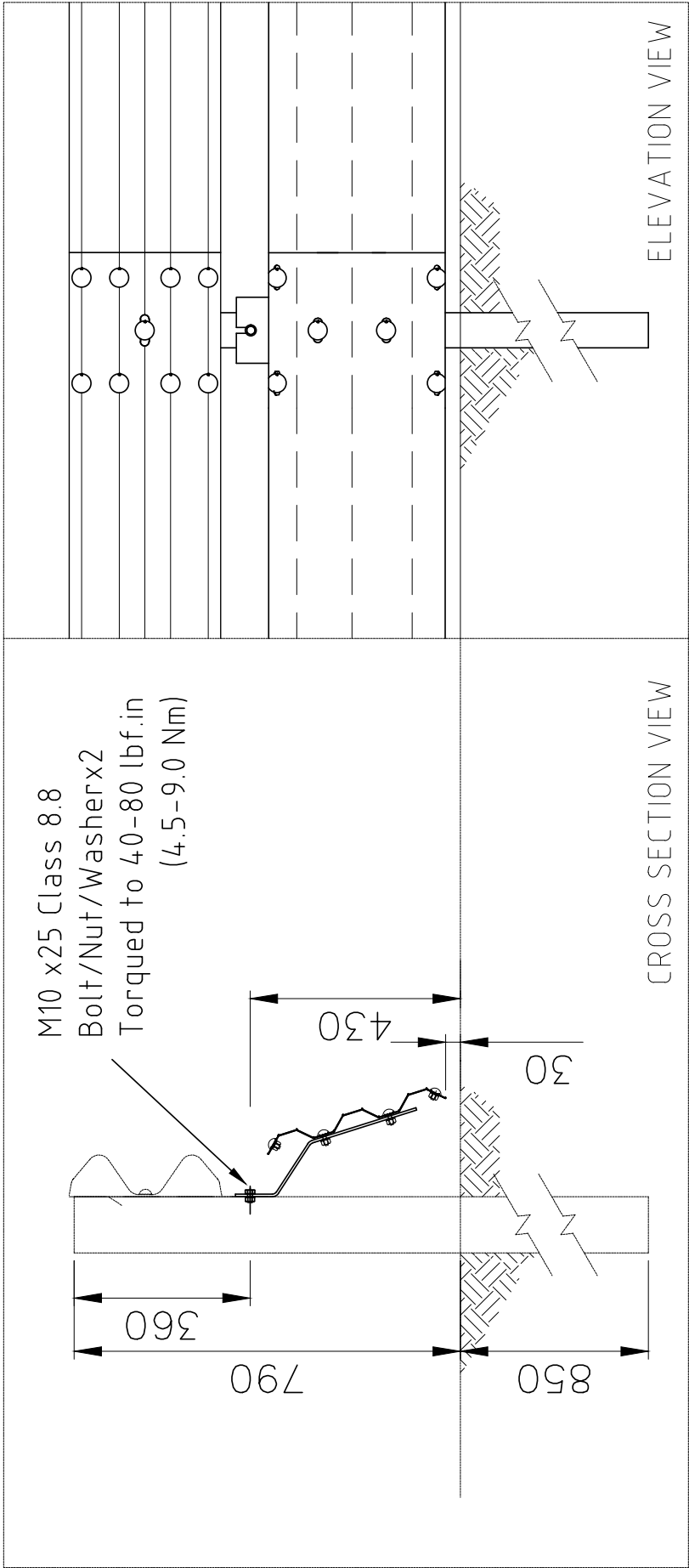
RiderPro has been successfully crash tested in **Class C60** with Severity Level I (highest level achievable) in accordance with the European Technical Specification CEN/TS 1317-8, attached to the **ACP Sentry W Beam system**. **RiderPro** has also undergone **MASH TL-3** compliance crash testing attached to the **ACP Sentry W Beam** system.


FEATURES

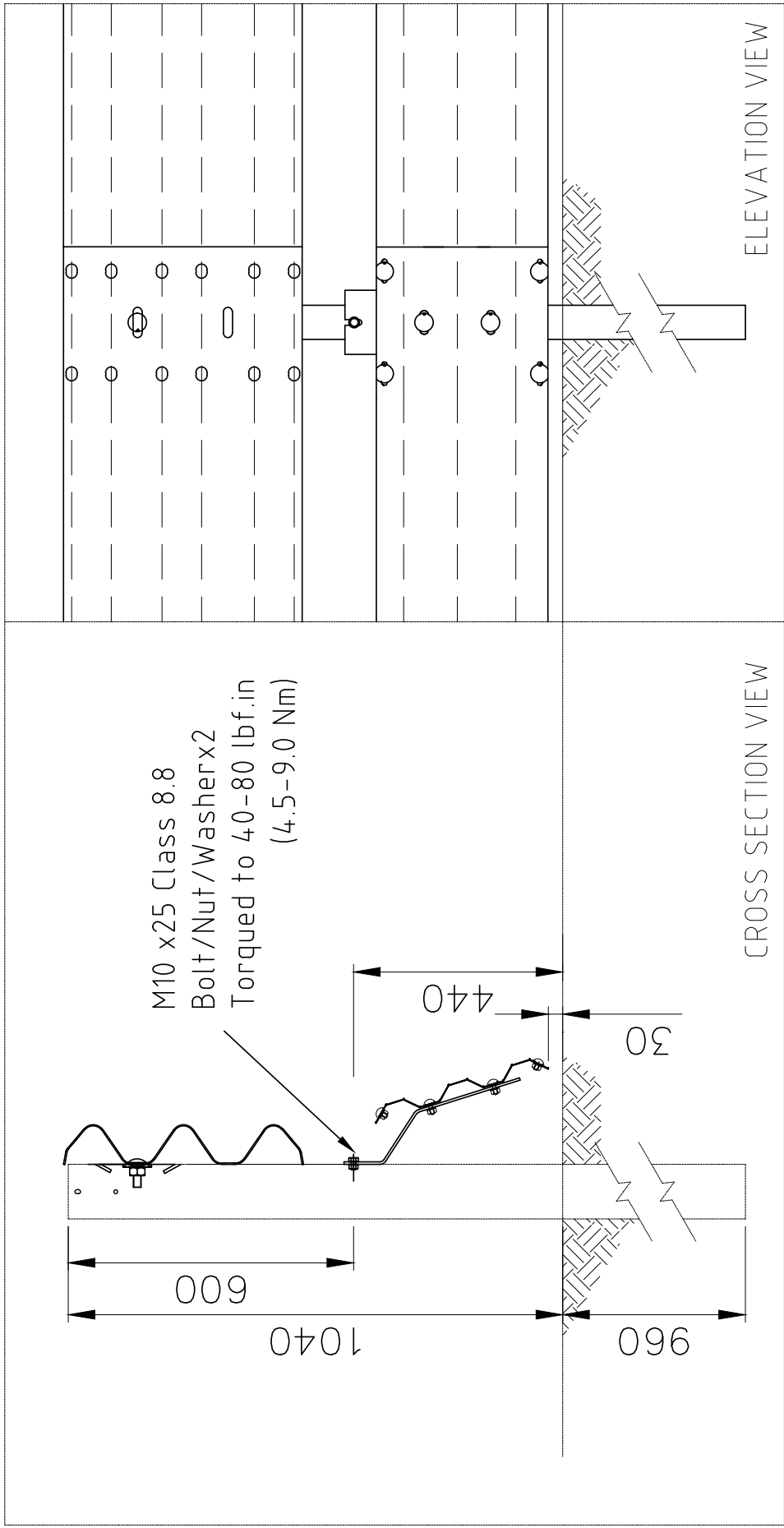
- Crash tested in Class C60 with Severity Level I (highest level achievable) in accordance with the European Technical Specification CEN/TS 1317-8
- MASH TL-3 Compliance crash tested attached to ACP Sentry W Beam system
- Approved for use fitted to the SENTRY W-Beam Barrier (TL-3) and SENTRY ThrieBeam Barrier (TL-4) systems.
- Easy to assemble and fast to install in all its applications
- Can be easily retrofitted to existing installations
- Lightest and most flexible motorcyclist restraint system on the market
- Can accommodate horizontal curves as low as 25m radius without pre-curving RiderPro rails
- Designed to be adaptable to future guardrail systems

SPECIFICATIONS

ACP Sentry Barrier W Beam System Panel section length	4.0 m
ACP Sentry ThrieBeam System Panel section length	4.0 m
Mounting Bracket Spacing	2.0 m
System Mass	5.8 kg/m
RiderPro Panel Material	Galvanised Steel thickness 1.0 mm
Bracket Material	Galvanised Steel thickness 5.0 mm
System Coating	Hot-dip galvanised
RiderPro Panel Height Installed (vertical)	364 mm
RiderPro Ground Clearance	30 mm
RiderPro Horizontal Offset from Post	220 mm



 ACP <small>AUSTRALIAN CONSTRUCTION PRODUCTS</small> Australian Construction Products Pty Ltd 339 Horsley Road Milperra NSW 2214 P.O. Box 565 Panania NSW 2213 Tel: +61 2 9772 4172 Fax: +61 2 9792 6272		TOLERANCES Whole Numbers ±2 One Decimal Place ±0.05 Bend Angle : ±2 Straightness : 1.5per150 Scale: N.T.S.	CLIENT MATERIAL FINISH	ITEM ACP SENTRY BARRIER W BEAM SYSTEM WITH RIDERPRO MOTORCYCLIST DEVICE DRAWING NUMBER S.B-RIDERPRO INSTALL
REV A	ORIGINAL ISSUE DESCRIPTION	W.R. 24.07.20 APPD	DRAWN W.R.	CHECKED APPROVED



ELEVATION VIEW

CROSS SECTION VIEW

M10 x25 Class 8.8
Bolt/Nut/Washer x2
Torqued to 40-80 lbf.in
(4.5-9.0 Nm)

REV	DESCRIPTION	APPD	DATE
B	REVISED ISSUE	W.R.	03.03.21
A	ORIGINAL ISSUE	W.R.	04.02.21
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<p>TOLERANCES Whole Numbers #2 One Decimal Place :#10#5 Bend Angle : #2 Straightness : 1.5per1500</p>		<p>Scale: N.T.S.</p>	
<p>CLIENT MATERIAL FINISH</p>		<p>ITEM ACP SENTRY TL-4 THREE BEAM SYSTEM WITH RIDERPRO MOTORCYCLIST DEVICE DRAWING NUMBER S.B TL-4 - RIDERPRO</p>	
<p>DRAWN W.R.</p>		<p>CHECKED APPROVED</p>	