



## ACP HIASA Motorcyclist Protection Device for Guardrail

The **HIASA SPM-IS4 Motorcyclist Protection System** is a continuous protection device that can be installed on a new or existing steel road safety barrier installation.

The **SPM-IS4** is a road safety device from HIASA, one of Spain's leading steel product suppliers and is exclusively available in Australia through ACP.



### Features

- > The SPM-IS4 system provides the optimal solution for the two main hazards for motorcyclists if they impact steel road safety barriers.
  - 1) A direct impact of the motorcyclist against the post barrier which can cause serious injuries, sometimes fatal.
  - 2) The motorcyclist breaching the space between two posts leaving them exposed to the hazards the barrier is there to protect.

### Specifications

The SPM-IS4 system comprises of a continuous galvanised steel flat screen attached to the existing barrier by a bracket on each post.

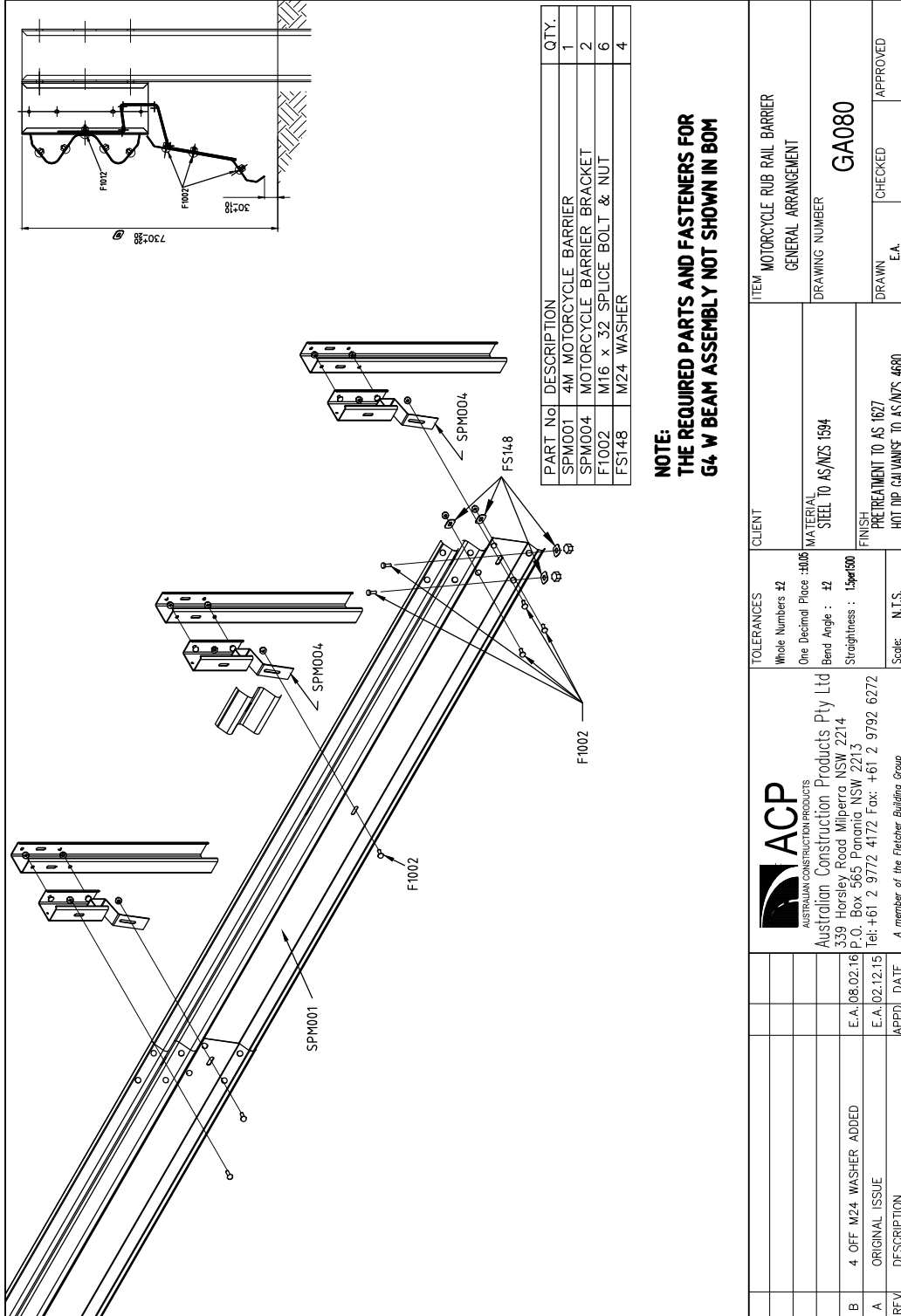
The installation of the SPM-IS4 on barrier is simple and fast. On existing installations the barrier does not have to be dismantled to install the system.

SPM-IS4 system components are manufactured from steel plate hot rolled S235JR type and according to European standard UNE-EN 10025 and hot-dip galvanized according to European standard UNE-EN ISO 1461.

The H.I.C. index (Head Injury Criteria) that evaluates the risk of head injuries, has been 170 for the impact on post and 146 for the impact on the midpoint. The maximum allowable value is 1,000, the neck forces and moments measured during the tests, are within the limits corresponding to the minimum class of severity (**Level 1**).

### Manufacturers of Road Safety Barriers | Australian Construction Products Pty Limited

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PART No	DESCRIPTION	QTY.
SPM001	4M MOTORCYCLE BARRIER	1
SPM004	MOTORCYCLE BARRIER BRACKET	2
F1002	M16 x 32 SPLICE BOLT & NUT	6
FS148	M24 WASHER	4

**NOTE:**  
THE REQUIRED PARTS AND FASTENERS FOR  
G4 W BEAM ASSEMBLY NOT SHOWN IN BOM

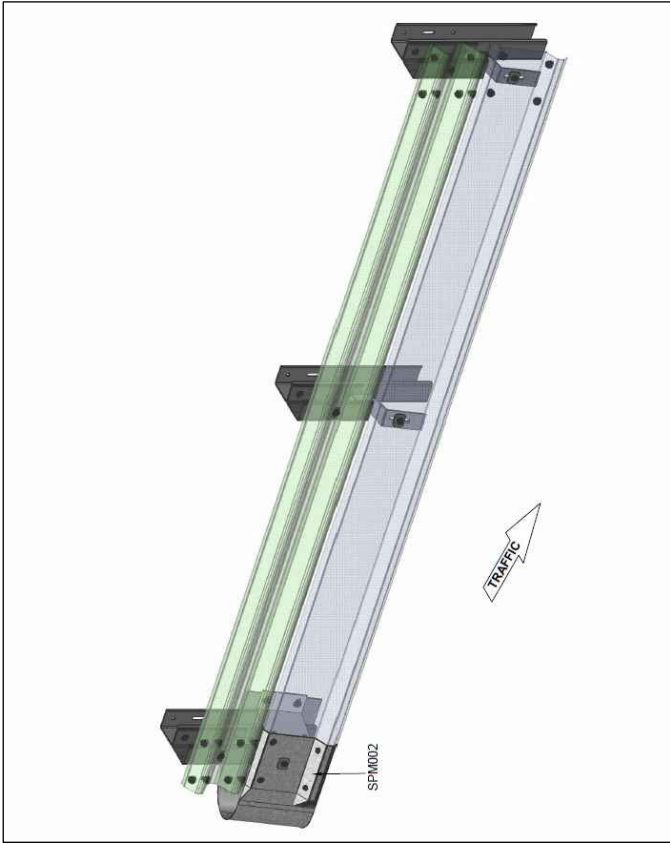
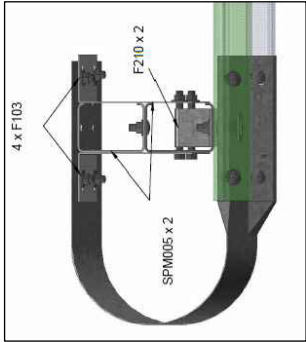
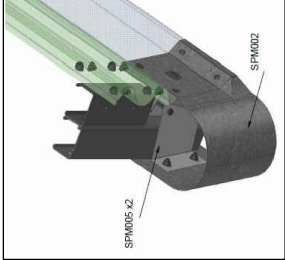
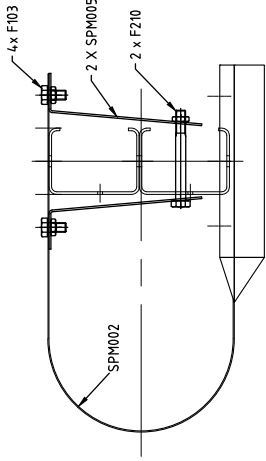
REV	DESCRIPTION	APPD	DATE
A	ORIGINAL ISSUE		E.A. 02.12.15
B	4 OFF M24 WASHER ADDED		E.A. 08.02.16

TOLERANCES	CLIENT
Whole Numbers : ±2	MOTORCYCLE RUB RAIL BARRIER
One Decimal Place : ±0.05	GENERAL ARRANGEMENT
Bend Angle : ±2	DRAWING NUMBER
Straightness : ±1.5per100	GA080
Scale: N.I.S.	DRAWN
	E.A.
	CHECKED
	APPROVED

FINISH	MATERIAL
PRETREATMENT TO AS 1627	STEEL TO AS/NZS 1594
HOT DIP GALVANISE TO AS/NZS 4680	


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 A member of the Fletcher Building Group

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THE REQUIRED PARTS AND FASTENERS FOR  
G4 W BEAM ASSEMBLY NOT SHOWN IN BOM**

PART No	DESCRIPTION	QTY.
SPM002	MOTORCYCLE RUB RAIL LH- APPROACH	1
SPM004	MOTORCYCLE RUB RAIL BRACKET	1
SPM005	MOTORCYCLE RUB RAIL L SHAPED BRACKET	2
F1002	M16 x 32 SPLICE BOLT & NUT	5
F103	M16 x 30 HEX. HD. BOLT & NUT	4
F207	M16 NUT	2
F210	M16 x T50 HEX. HD. BOLT	2
FS148	M24 WASHER	4

TOLERANCES	
Whole Numbers	±2
One Decimal Place	±0.05
Bend Angle	±2
Straightness	±1.5per100
Scale	N.T.S.

REV	DESCRIPTION	APPD	DATE
B	4 OFF M24 WASHER ADDED		E.A. 08.02.16
A	ORIGINAL ISSUE		E.A. 02.12.15

CLIENT	ITEM
MOTORCYCLE RUB RAIL LH TERMINAL-APPROACH	MOTORCYCLE RUB RAIL LH TERMINAL-APPROACH
GENERAL ARRANGEMENT	
DRAWING NUMBER	GA081
FINISH	PRETREATMENT TO AS 1627
	HOT DIP GALVANISE TO AS/NZS 4680
DRAWN	E.A.
CHECKED	APPROVED



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