

Product Test Certificate

231212

25/05/2023

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
23143M10013	23143M10020	50	50	2.5	Any	AS/NZS 1163 : 2016	C350L0	Painted 50x50x2.5

Heat No.	Steel Supplier	Testing Authority/NATA (ILAC) No			Steel Chemical Analysis																	Mechanical Test Results (Orientation-"L")									
		Tensile	Impact	Chemical	Analysis Type L / P	Testing Report No	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al	Ti	Nb	V	B	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C			
							(% x 100)	YS	TS	E	1	2	3	Avg																	
6874949	Australia-BSL	VTS		BSL 0632	L	C37380	17	1.7	73	0.5	1.2	1.5	4.3	0.3	5.2	3.9	<0.2	0.1	<0.3	<0.03	30	5	23-147/11-29797	A	450	520	26				
<p>Notes:</p> <p>1) CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15; 2) SiE=Si+2.5P; 3) Gauge Length for E= 5.65VSo; 4) Impact test piece thickness is 5 mm;</p> <p>5) For t less than 6 mm L0 properties derived as per CI 9.4.2.3 (b) of AS/NZS 1163; 6) Analysis Type: "L" = LADLE, "P" = PRODUCT</p> <p>7) VTS = Victorian Testing Inspection Services P/L: NATA Accreditation Number: 19968; BSL = BlueScope Steel (AIS) Pty Limited: NATA Accreditation Number: 0632; ILAC = International Laboratory Accreditation Cooperation (CNAS L0184 / KT101);</p> <p>8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;</p> <p>9) The steel is made by basic oxygen or an electric arc process and is fully killed, continuously cast and fine grained. The strip was hot rolled at the hot strip mill.</p> <p>10) Statistical sampling to AS/NZS 1163-2016 CI B3.2.</p> <p>11) Tensile tests performed in accordance to AS1391, Impact tests performed in accordance to AS1544.2</p> <p>12) APT holds ACRS accreditation (Certification Number: 161104) for the manufacture of cold-formed structural steel hollow sections to AS/NZS 1163:2016.</p>																															



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Packs covered by this certificate

Heat	Pack Numbers
6874949	23143M10013 23143M10014 23143M10015 23143M10016 23143M10017 23143M10018 23143M10019 23143M10020

Australian Pipe and Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

Authorized signatory: **MIKE DOUBLEDAY**
MANAGER