

Product Test Certificate

231159

19/04/2023

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
23105M10022	23105M10037	75	75	4.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 75x75x4.0

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																		
																									MPa	%	Joules					
32135655	Import	VTS		CNAS L0184	L	IP3M444-01	14	1.5	85	1	0.6	1	2	0	1	2.7	0	1	0	0	29	5	23-114/8-28745	A	456	530	30					
<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
32135655	23105M10022 23105M10023 23105M10024 23105M10025 23105M10026 23105M10027 23105M10028 23105M10029 23105M10030 23105M10031 23105M10032 23105M10033 23105M10034 23105M10035 23105M10036 23105M10037

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**