

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22308M10001	22308M10012	75.0	50.0	2.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 75x50x2.0

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
7845589	Australia-BSL	VTS/19968		BSL/632	L	D98868	16.2	1.1	74	<0.5	1.2	1.6	2.8	0.3	5.2	4	<0.2	0.1	<0.3	0.03	30	3	22-427/2-28506	A	415	493	30				
7847649	Australia-BSL	VTS/19968		BSL/632	L	D99665	16.7	1	72	0.6	1.3	2.3	2.6	0.4	4.7	3.6	<0.2	0.1	<0.3	<0.03	30	3									

- Notes:**
- 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;
  - 5) For t less than 6 mm L0 properties derived as per Cl 9.4.2.3 (b) of AS/NZS 1163; 6) "L" = LADLE, "P" = PRODUCT
  - 7) ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
  - 8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
  - 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.
  - 10) Statistical sampling to AS1163 Cl B3.2.
  - 11) Tensile test performed to AS1391, impact test- to AS1544.2



# Product Test Certificate

**221565**

Certificate Number

**8/11/2022**

Date



CERT NO.  
**161104**

## Packs covered by this certificate

Heat	Pack Numbers
7845589	22308M10001 22308M10002 22308M10007 22308M10008 22308M10009 22308M10010 22308M10011 22308M10012
7847649	22308M10003 22308M10004 22308M10005 22308M10006

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**