

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22182M10033	22182M10054	50.0	50.0	2.5	Any	AS/NZS AS1163 : 2016	C350L0	Painted 50x50x2.5
22183M10002	22183M10004							

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
7837349	Australia-BSL	VTS/19968		BSL/632	L	C37316	15.5	1.1	72	0.6	1.2	1.5	1.6	0.3	4.3	3.4	<0.2	0.1	<0.3	<0.03	28	3	22266/2-26250	A	441	514	29				

**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

## 221319

Certificate Number

## 8/07/2022

Date



CERT NO.  
**161104**

### Packs covered by this certificate

Heat	Pack Numbers
7837349	22182M10033 22182M10034 22182M10035 22182M10036 22182M10037 22182M10038 22182M10039 22182M10040 22182M10041 22182M10042 22182M10043 22182M10044 22182M10045 22182M10046 22182M10047 22182M10048 22182M10049 22182M10050 22182M10051 22182M10052 22182M10053 22182M10054 22183M10002 22183M10003 22183M10004

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**