



RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
20258M10056	20259M10010	50.0	50.0	3.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 50x50x3.0

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																	
6716919	Australia-BSL	VTS/19968		BSL/632	L	D65866	17.6	1.3	6.7	0.7	1.8	2	2.8	0.3	4.8	3.5	<0.2	0.1	<0.3	<0.03	20	4	VT20-552-19820	A	433	498	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; MTL = Mec Test Laboratories; 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.



# Product Test Certificate

**201747**

Certificate Number

**22/09/2020**

Date



CERT NO.  
**161104**

## Packs covered by this certificate

Heat	Pack Numbers
6716919	20258M10056 20258M10057 20258M10058 20258M10059 20258M10060 20258M10061 20258M10062 20258M10063 20258M10064 20258M10065 20258M10066 20258M10067 20258M10068 20258M10069 20258M10070 20258M10071 20258M10072 20258M10073 20258M10074 20258M10075 20258M10076 20258M10077 20258M10078 20258M10079 20258M10082 20258M10084 20258M10085 20259M10002 20259M10010

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**