



Product Test Certificate

161209

12/07/2016

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16186M10026	16186M10034	65.0	65.0	3.0	Any	AS1163: 2016	C350L0	Galvanised 65x65x3.0

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	
MF851	Import	MTL/17279		SS/19570	P	64724	12	1.5	51		1	<1	5	1	1	2.6	<1	<1	<1	<0.05	22		T3231-5691	A	428	494	27				

- 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.



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Packs covered by this certificate

Heat	Pack Numbers
MF851	16186M10026 16186M10027 16186M10028 16186M10029 16186M10030 16186M10031 16186M10032 16186M10033 16186M10034

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: L. DONALD

CEO