



# STEEDALE

SHOP AND OFFICE CONSTRUCTION

## Metal Building Products



# Typical Container Load

Page 1

Quantity	Item	Length	Description	Packing	Taxable GST	Unit Price Inc GST	Total AUD
800	FC	4800	0.5 mm furring channel 28 mm			\$	\$
600	FC	3600	0.5 mm furring channel 28 mm			\$	\$
500	TCR	4800	0.75 Top Cross Rail			\$	\$
500	TCR	3600	0.75 Top Cross Rail			\$	\$
250	stud	3600	0.5 mm Stud 50 mm			\$	\$
250	Stud	3000	0.5 mm Stud 50 mm			\$	\$
250	Stud	2700	0.5 mm Stud 50mm			\$	\$
250	Stud	2700	0.5 mm Stud 64 mm			\$	\$
250	Stud	3000	0.5 mm Stud 64 mm			\$	\$
250	Stud	3600	0.5 mm Stud 64mm			\$	\$
250	Stud	2700	0.5 mm Stud 76mm			\$	\$
250	Stud	3000	0.5 mm Stud 76mm			\$	\$
250	Stud	3600	0.5 mm Stud 76mm			\$	\$
250	Stud	2700	0.5 mm Stud 92mm			\$	\$

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# Typical Container Load and Price List

# STEEDALE

SHOP AND OFFICE CONSTRUCTION

Page 2

Quantity	Item	Length	Description	Packing	Taxable GST	Unit Price Inc GST	Total AUD
250	Stud	3000	0.5 mm Stud 92mm			\$	\$
250	Stud	3600	0.5 mm Stud 92mm			\$	\$
200	Stud	4200	0.5 mm Stud 92mm			\$	\$
200	Track	3000	0.5 mm Track 52mm			\$	\$
200	Track	3000	0.5 mm Track 65mm			\$	\$
200	Track	3000	0.5 mm Track 78mm			\$	\$
200	Track	3000	0.5 mm Track 93mm			\$	\$
3900	Locking clips		Locking Clips			\$	\$
2000	Clips		Main Bar Hanger Clips			\$	\$
1500	Wire	3600	3600 hanging wire 5mm			\$	\$
500	W A	3000	Wall Angle 0.5mm 28*20*30			\$	\$
500	FC Batten	4.8	Furring channel 36*16			\$	\$
600	FC Hanger 4		Hanger clip			\$	\$
600	FCDL					\$	\$
600	FCDS					\$	\$

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# Australian Standard Testing Results

## BEND / ADHESION TEST

ID	DIMENSIONS (mm)	FORMER $\phi$ (mm)	ROLLER DISTANCE	IMPERFECTIONS ON SPECIMENS AFTER TEST *	RESULTS (C / DNC)
Furring Channel	50x50	-	-	Nil	C
Top Cross Rail	50x50	-	-	Nil	C
Hook (C sect)	As received	-	-	Nil	C
REQUIREMENTS: (BEND TEST)	After bending coating is stripped no visible crack shall be visible on the outside of the bend.				
REQUIREMENTS: (COATING ADHESION TEST)	After bending no visible cracks or flaking on the outer surface of the Specimen.				

## CHEMICAL ANALYSIS REPORT

ID / LOCATION	ANALYSIS RESULTS: ELEMENT (%)									
	Fe	C	Mn	Si	P	S	Co	Cu	Ni	Mo
Hanging Rod	Bal	0.20	0.51	0.20	0.03	0.02	0.01	0.01	<0.01	<0.01

\* Analysis performed by SS 09/2777

## TENSILE TEST REPORT

5.25mm  $\phi$  Hanging Rod

MAX FORCE (kN)	ULTIMATE TENSILE STRENGTH (MPa)	0.2% PROOF STRESS (MPa)	ELONGATION (%)	REDUCTION OF AREA (%)
11	561	459	24	N/A
REQUIREMENTS:	N/A	N/A	N/A	N/A

## CHEMICAL ANALYSIS REPORT

ID / LOCATION	ANALYSIS RESULTS: ELEMENT (%)									
	Fe	C	Mn	Si	S	P	Cr	N	Cu	V
Top Cross Rail Clip	Bal	0.66	1.06	0.25	0.01	0.02	0.03	0.03	0.09	0.01

\* Analysis performed by SS 09/2777

## TENSILE TEST REPORT

Top Cross Rail

MAX FORCE (kN)	ULTIMATE TENSILE STRENGTH (MPa)	0.2% PROOF STRESS (MPa)	ELONGATION (%)	REDUCTION OF AREA (%)
5	379	303	27	N/A
REQUIREMENTS:	340	300	20	N/A

As tested by

LMATS PTY LTD

MELBOURNE

MORWELL



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# Australian Standard Testing Results

## CHEMICAL ANALYSIS REPORT

ID / LOCATION	ANALYSIS RESULTS: ELEMENT (%)										
	Fe	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	
Top Cross Rail Clip	Bal	0.05	0.23	<0.02	0.02	0.01	0.01	<0.01	0.01	0.05	

\* Analysis performed by SS 09/2777

## CHEMICAL ANALYSIS REPORT

ID / LOCATION	ANALYSIS RESULTS: ELEMENT (%)										
	Fe	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	
Furring Channel	Bal	0.10	0.39	0.20	0.02	0.02	0.01	<0.01	0.01	0.01	

\* Analysis performed by SS 09/2777

## TENSILE TEST REPORT

Furring Channel

MAX FORCE (kN)	ULTIMATE TENSILE STRENGTH (MPa)	0.2% PROOF STRESS (MPa)	ELONGATION (%)	REDUCTION OF AREA (%)
4	360	270	14	N/A
REQUIREMENTS:	320	250	N/A	N/A

## CHEMICAL ANALYSIS REPORT

ID / LOCATION	ANALYSIS RESULTS: ELEMENT (%)										
	Fe	C	Mn	Si	S	P	Cr	Mo	Ni	Cu	
"C" Hook	Bal	0.07	0.21	0.20	0.01	0.01	0.01	<0.01	<0.01	0.01	

\* Analysis performed by SS 09/2777

## COATING MASS MEASUREMENT REPORT

Furring Channel 38mmx37mmx.60mm

Sample ID	LENGTH (mm)	WIDTH (mm)	Surface Area (M <sup>2</sup> )	Mass (g)		Coating Mass (g/m <sup>2</sup> )	
				Initial	Final	Individual	Average
FC-1	58	28	.003248	6.496	6.268	70	71
FC-2	58	28	.003248	6.490	6.259	71	
FC-3	58	28	.003248	6.503	6.270	72	

As tested by

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# Australian Standard Testing Results

## LOAD TEST REPORT

**CUSTOMER:** Choice Building Products – PO Box 942, Innaloo WA 6819  
Steedale Building Co – 129 Jenkins Street Northcote VIC 3070  
**REQUESTED BY:** Mr. Matthew Green P/O No: 2442  
**REPORT NO:** LW09-1239 LT TEST DATE: 15/09/2009  
**JOB DESCRIPTION:** Determine Suspension capacity  
**IDENTIFICATION:** Ceiling grid suspension assembly  
**MATERIAL SPEC.:** Carbon Steel  
**TEST SPECIFICATION:** AS 2785 - 2000  
**TEST METHOD:** AS 2785 - 2000  
**TEST EQUIPMENT:** Tinius Olsen Sr No – L171  
**LOADING EQUIPMENT LOAD CELL** 0 to 1000 Kgs ( Sr No – 268 )  
**ENVIRONMENT DATA:** Ambient  
**SURFACE CONDITION:** As received assembled condition  
**DIMENSIONS (mm):** Not Applicable  
**C.S. AREA(mm<sup>2</sup>):** Not Applicable  
**TEST FORCE (Kg):** 50Kg  
**TEST DURATION(min):** Not Applicable  
**DISCONTINUITIES: Before Test:** Nil  
During Test: Nil  
After Test: Nil  
**TEST RESTRICTION:** The ceiling grid system withstood the minimum required load of 50kg.  
**TEST TECHNICIAN:** Rajesh Katwe, Mandar Phadke, Pranay Wadyalkar  
**TEST RESULTS:** The test results complied with the specification requirements.

As tested by

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# Contacts

Contact STEEDALE for any assistance in sourcing quality building products at discounted prices to achieve higher profit margins on your construction projects.

Bulk delivered to site or your factory.

Please contact us for any further information.

Kind regards,  
Steven Grgic  
Director

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