

## ASSEMBLY MATERIAL LIST

### STEELFORCE INDUSTRY SOLUTIONS PTY LTD

Full assembly list showing individual group items. Assembly components are listed for each individual assembly.

Mark	Qty	Size	Length	Grade	Paint finish	Remarks	Mass per Assy. (KG)	Paint per Assy. (M2)
<b>TB-1</b>	<b>7</b>	<b>150 PFC</b>	<b>3,810</b>		Galvanised		67.4	2.21
TB-1	1	150 PFC	3,810	300+			471.7	2.21
<b>TB-2</b>	<b>3</b>	<b>250 PFC</b>	<b>1,038</b>		Zinc Phosphate Primer		49.9	1.34
TB-2	1	250 PFC	962	300+			102.5	0.80
Tfp-4	3	75x8 PL	190	250			7.9	0.10
Tfp-16	1	75x8 PL	197	250			2.7	0.03
Tfr-27	1	150 PFC	700	300+			36.5	0.41
<b>TB-3</b>	<b>2</b>	<b>150 PFC</b>	<b>5,789</b>		Zinc Phosphate Primer		106.0	3.46
TB-3	1	150 PFC	5,789	300+			204.8	3.35
Tfp-7	1	100x10 PL	250	250			3.7	0.06
Tfp-11	1	129x10 PL	169	250			3.4	0.05
<b>TB-4</b>	<b>2</b>	<b>180 PFC</b>	<b>6,739</b>		Zinc Phosphate Primer		144.7	4.41
TB-4	1	180 PFC	6,739	300+			281.5	4.30
Tfp-7	1	100x10 PL	250	250			3.7	0.06
Tfp-25	1	156x10 PL	169	250			4.1	0.06
<b>TB-5</b>	<b>2</b>	<b>180 PFC</b>	<b>7,281</b>		Zinc Phosphate Primer		156.0	4.76
TB-5	1	180 PFC	7,281	300+			304.2	4.64
Tfp-7	1	100x10 PL	250	250			3.7	0.06
Tfp-25	1	156x10 PL	169	250			4.1	0.06

## SHIPPING LIST

**STEELFORCE INDUSTRY SOLUTIONS PTY LTD**

Shipping and paint finishes check list. Mass and paint area listed are per individual assembly.

Mark	Qty	Main Part Description	Length (O/all)	Height (O/all)	Depth (O/all)	Mass per Assy. (KG)	Paint per Assy. (M2)	Paint finish	Shipped
TB-1	7	150 PFC	3,810	150	75	67.4	2.21	Galvanised	
TB-2	3	250 PFC	1,038	760	150	49.9	1.34	Zinc Phosphate Primer	
TB-3	2	150 PFC	5,789	175	150	106.0	3.46	Zinc Phosphate Primer	
TB-4	2	180 PFC	6,739	180	175	144.7	4.41	Zinc Phosphate Primer	
TB-5	2	180 PFC	7,281	180	175	156.0	4.76	Zinc Phosphate Primer	
TB-6	2	250 PFC	950	637	100	41.0	1.04	Zinc Phosphate Primer	
TB-7	2	250 PFC	750	638	100	33.9	0.87	Zinc Phosphate Primer	
TB-8	2	76.1x3.6 CHS	600	76	76	3.9	0.14	Galvanised	
TB-9	1	150 PFC	5,795	175	150	106.1	3.46	Zinc Phosphate Primer	
TB-10	1	150 PFC	5,795	175	150	106.1	3.46	Zinc Phosphate Primer	
TB-11	1	150 PFC	5,466	175	150	100.2	3.27	Zinc Phosphate Primer	
TB-12	1	150 PFC	5,466	175	150	100.2	3.27	Zinc Phosphate Primer	
TB-13	1	150 PFC	5,489	175	150	100.6	3.29	Zinc Phosphate Primer	
TB-14	1	150 PFC	5,489	175	150	100.6	3.29	Zinc Phosphate Primer	
TB-15	1	150 PFC	5,563	175	150	102.0	3.33	Zinc Phosphate Primer	
TB-16	1	150 PFC	5,563	175	150	102.0	3.33	Zinc Phosphate Primer	
TB-17	1	150 PFC	5,540	175	150	101.6	3.32	Zinc Phosphate Primer	
TB-18	1	150 PFC	5,540	175	150	101.6	3.32	Zinc Phosphate Primer	
TB-19	1	180 PFC	4,020	180	165	95.6	2.91	Galvanised	



Date: 22-Nov-2019  
Project: COMMERCIAL DEVELOPMENT  
Author: S.F.

## PURLIN LIST

**STEELFORCE INDUSTRY SOLUTIONS PTY LTD**

List of purlins sorted by material description

### C100-10

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
TP-8	4	C100-10	G450_Z350	371	0.66	
TP-9	4	C100-10	G450_Z350	2,321	4.10	
TP-10	4	C100-10	G450_Z350	2,301	4.06	
TP-22	1	C100-10	G450_Z350	3,865	6.83	

**TOTALS:**

### EC150-15

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
TP-11	4	EC150-15	G450_Z350	3,889	13.33	

**TOTALS:**

### EZ150-15

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
TCP-1	4	EZ150-15	G450_Z350	5,428	18.85	
TCP-2	2	EZ150-15	G450_Z350	5,018	17.43	
TCP-6	1	EZ150-15	G450_Z350	5,018	17.43	
TCP-7	1	EZ150-15	G450_Z350	3,648	12.67	
TP-1	14	EZ150-15	G450_Z350	6,645	23.08	
TP-2	7	EZ150-15	G450_Z350	6,150	21.36	
TP-3	7	EZ150-15	G450_Z350	6,150	21.36	
TP-12	4	EZ150-15	G450_Z350	6,645	23.08	



Date: 21-Nov-2019  
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## HOT ROLLED SECTIONS

### STEELFORCE INDUSTRY SOLUTIONS PTY LTD

List of hot rolled sections sorted by material description.

#### 50x50x3 EA

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
Tfr-2	13	50x50x3 EA	300+	392	11.76	
TOTALS:				5,090	11.76	

#### 50x50x5 EA

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
TFB-1	12	50x50x5 EA	300+	558	23.18	
TFB-2	6	50x50x5 EA	300+	527	10.94	
TFB-3	8	50x50x5 EA	300+	502	13.87	
TFB-4	4	50x50x5 EA	300+	530	7.33	
TOTALS:				15,993	55.32	

#### 75x50x2.5 RHS

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
Tfr-16	5	75x50x2.5 RHS	C350	3,438	78.73	
TOTALS:				17,190	78.73	

#### 75x75x5 EA

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
Tfr-1	34	75x75x5 EA	300+	855	153.23	
Tfr-4	9	75x75x5 EA	300+	863	37.38	
Tfr-6	8	75x75x5 EA	300+	2,254	92.98	

## PLATE CUTTING LIST

**STEELFORCE INDUSTRY SOLUTIONS PTY LTD**

List of plate sizes sorted by plate thickness.

**6**

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
Tfp-12	10	50x6 PL	250	75	1.77	
Tfp-33	3	85x6 PL	250	85	0.93	
Tfp-2	30	90x6 PL	250	90	11.07	
<b>TOTALS:</b>					<b>13.77</b>	

**10**

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
Tfp-13	8	65x10 PL	250	186	7.44	
Tfp-1	45	75x10 PL	250	205	53.23	
Tfp-8	16	85x10 PL	250	145	15.48	
Tfp-15	8	90x10 PL	250	90	3.25	
Tfp-19	5	90x10 PL	250	140	4.75	
Tfp-27	4	90x10 PL	250	100	1.85	
Tfp-28	4	90x10 PL	250	190	5.12	
Tfp-40	1	90x10 PL	250	250	1.65	
Tfp-41	1	90x10 PL	250	220	1.46	
Tfp-7	16	100x10 PL	250	250	29.86	
Tfp-20	4	100x10 PL	250	100	2.04	
Tfp-21	4	100x10 PL	250	430	13.26	
TLP-1	6	120x10 PL	250	130	6.51	
Tfp-11	12	129x10 PL	250	169	20.44	



Date: 21-Nov-2019  
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## ***SPECIAL PARTS***

***STEELFORCE INDUSTRY SOLUTIONS PTY LTD***

List of stock items.

### **Special Parts**

Item	Quantity	Material Description	Grade	Length	Weight (kg)	Remarks
	1	GPB200		154	0.00	
	16	WBB16		60	0.00	
	32	WBB20		64	0.00	
<b>TOTALS:</b>					<b>0.00</b>	

**Total No. of parts: 49**

**Sum of Paint (Sq M): 0.000**

**Sum of Weight (Kg): 0.00**

Mark	Qty	Size	Length	Grade	Remarks	Weight (Kg)
<b>TB-1</b>	<b>7</b>	<b>150 PFC</b>	<b>3,810</b>			
	4	M16 x 45 (8.8/S) - AS 1252	45	8.8/S		0.7
<b>TB-3</b>	<b>2</b>	<b>150 PFC</b>	<b>5,789</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
	2	M20 x 50 (8.8/S) - AS 1252	50	8.8/S		0.6
<b>TB-4</b>	<b>2</b>	<b>180 PFC</b>	<b>6,739</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
<b>TB-5</b>	<b>2</b>	<b>180 PFC</b>	<b>7,281</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
	2	M20 x 50 (8.8/S) - AS 1252	50	8.8/S		0.6
<b>TB-9</b>	<b>1</b>	<b>150 PFC</b>	<b>5,795</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
	4	M20 x 50 (8.8/S) - AS 1252	50	8.8/S		1.2
<b>TB-10</b>	<b>1</b>	<b>150 PFC</b>	<b>5,795</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
	4	M20 x 50 (8.8/S) - AS 1252	50	8.8/S		1.2
<b>TB-11</b>	<b>1</b>	<b>150 PFC</b>	<b>5,466</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1
	4	M20 x 50 (8.8/S) - AS 1252	50	8.8/S		1.2
<b>TB-12</b>	<b>1</b>	<b>150 PFC</b>	<b>5,466</b>			
	2	M16 Ramset TruBolt	100	Steel galvanised	75 MIN EMBEDMENT	0.1

**Bolts**

Item	Quantity	Material Description	Length	Grade	Weight (kg)	Remarks
	30	M12 x 30 (4.6) - AS 1111	30	4.6	1.92	
	1006	M12 x 30 (4.6) - Lysaght Purlin bolts	30	4.6	56.34	
	4	M16 x 40 (8.8/S) - AS 1252	40	8.8/S	0.68	
	46	M16 x 45 (8.8/S) - AS 1252	45	8.8/S	7.82	
	26	M16 x 50 (8.8/S) - AS 1252	50	8.8/S	4.42	
	102	M20 x 50 (8.8/S) - AS 1252	50	8.8/S	31.52	
	80	M20 x 55 (8.8/S) - AS 1252	55	8.8/S	24.72	
	8	M20 x 55 (8.8/S) - AS 1252	55	8.8/S	1.60	
<b>TOTALS:</b>					<b>129.01</b>	

**Anchors**

Item	Quantity	Material Description	Length	Grade	Weight (kg)	Remarks
	6	M12 Ramset TruBolt	80	Steel galvanised	0.13	
	8	M16 Chemical Anchor	230	Steel galvanised	0.56	<b>25 GROUT</b>
	14	M16 Chemical Anchor	220	Steel galvanised	0.98	<b>25 GROUT</b>
	8	M16 Chemical Anchor	120	Steel galvanised	0.56	
	7	M16 Chemical Anchor	140	Steel galvanised	0.49	<b>100 MIN EMBEDMENT</b>
	3	M16 Chemical Anchor	180	Steel galvanised	0.21	<b>120 EMBEDMENT</b>
	38	M16 Ramset TruBolt	100	Steel galvanised	1.67	<b>75 MIN EMBEDMENT</b>



# Stramit bridging

## Steelforce Industry Solutions Pty Ltd

Client:		Job No:	19-020
Project:	COMMERCIAL DEVELOPMENT		
Detailer:	Dardo	Date:	21-Nov-19



Bridge Type	CODE	Connector	CODE
Intermediate Bridge	BI	Bolted End	BO
Fascia Bridge	BF	Lock End	LK
Swivel Bridge	BIS	Locator End	LR
Girt Hanger (Turnbuckle)	BGHTB	Start Clip	SC
Girt Hanger (Tie Rod)	BGHTR	Fascia Bracket	FB
Girt Foot	BGF	Angle Connector	AC

Part mark	Quantity	Bridging code	Order length	Lengths derived from purlin centres - Suitable lengths to be added to rod bridging for bolting/threading
			(mm)	
TCBR-1	4	BI15BO_15BO	604	
TCBR-2	4	BI20BO_20BO	639	
TCBR-3	1	BI20BO_20BO	439	
TRBR-1	15	BI20LK_20LR	1,015	
TRBR-2	14	BI20BO_20BO	152	
TRBR-3	5	BI20BO_20LR	1,015	
TRBR-4	5	BI20LK_20BO	1,000	
TRBR-5	5	BI20BO_20LR	929	
TRBR-6	5	BI20LK_20BO	1,015	
TRBR-7	4	BIS15BO_15BO	584	
TRBR-8	4	BIS20BO_20BO	305	
TRBR-9	1	BI15BO_15LR	1,000	
TRBR-10	12	H2 B15 P B15	152	
TRBR-11	12	BI15LK_15LR	1,017	
TRBR-12	4	BI15BO_15LR	942	
TRBR-13	4	BI15LK_15BO	1,017	
TRBR-14	4	BI15LK_15BO	1,000	
TRBR-15	4	BI15BO_15LR	1,017	
TRBR-16	1	BI15LK_15BO	1,196	
TRBR-17	1	BI15LK_15LR	1,196	
TRBR-18	1	BIS20BO_20BO	148	

**TOTAL QUANTITY:** 110 items