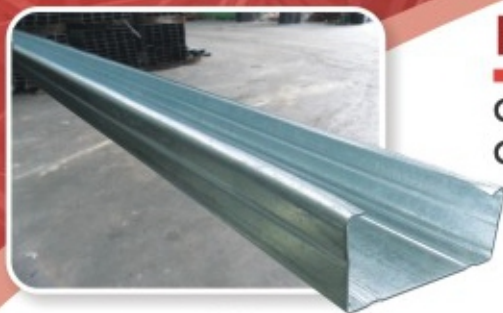


METAL TRUSS SYSTEMS

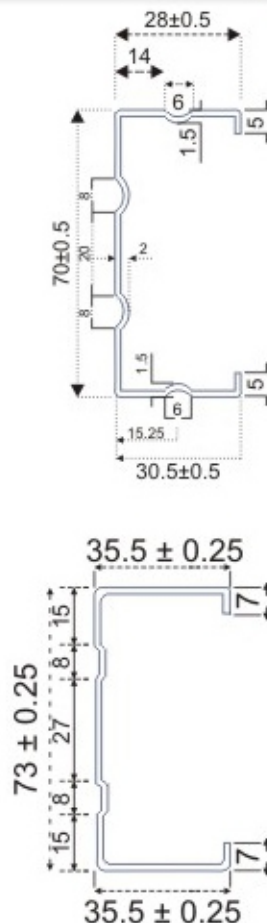


HIGH TENSILE "C" TRUSS

C75 (0.80mm thick)

C75 (1.00mm thick)

SECTION PROPERTIES



C-Section 135

Thickness (mm)	Area (mm ²)	Weight (kg / m)	I _{xx} 10 ⁴ (mm ⁴)	I _{yy} 10 ⁴ (mm ⁴)	Z _{xx} 10 ³ (mm ³)	Z _{yy} 10 ³ (mm ³)	R _{xx} (mm)	R _{yy} (mm)	x (mm)	y (mm)
0.60	82.2	0.72	6.273	0.831	1.757	0.374	27.6	10.1	8.3	34.3
0.65	88.9	0.77	6.777	0.896	1.898	0.404	27.6	10.0	8.3	34.3
0.70	95.8	0.83	7.278	0.960	2.039	0.432	27.6	10.0	8.3	34.3
0.75	102.4	0.89	7.776	1.023	2.178	0.461	27.6	10.0	8.3	34.3
0.80	109.1	0.94	8.272	1.085	2.317	0.489	27.6	10.0	8.3	34.3
1.00	135.7	1.18	10.226	1.328	2.864	0.598	27.6	9.9	8.3	34.3

C-Section 153

Size H x B (mm)	Thickness (mm)	Area (mm ²)	Weight (kg / m)	I _{xx} 10 ⁴ (mm ⁴)	I _{yy} 10 ⁴ (mm ⁴)	Z _{xx} 10 ³ (mm ³)	Z _{yy} 10 ³ (mm ³)	R _{xx} (mm)	R _{yy} (mm)	x (mm)	y (mm)
75 x 36	0.75	116.9	0.99	10.187	2.012	2.738	0.756	29.50	13.10	11.4	35.8
	0.80	124.6	1.05	10.840	2.137	2.914	0.803	29.50	13.10	11.4	35.8
	1.00	155.1	1.30	13.421	2.628	3.608	0.988	29.50	13.10	11.4	35.8
	1.60	267.0	2.20	23.100	5.000	6.160	2.294	29.39	13.63	13.2	37.5
100 x 50	1.60	355.0	2.80	57.200	12.800	11.440	3.951	40.16	19.00	17.6	50.0
	2.00	441.0	3.45	70.600	15.600	14.120	4.815	40.00	18.82	17.6	50.0
125 x 50	1.60	394.0	3.10	96.000	13.800	15.360	4.047	49.31	18.69	15.9	62.5
	2.00	491.0	3.82	118.700	16.900	18.992	4.956	49.15	18.53	15.9	62.5
150 x 65	1.60	483.0	3.85	173.700	27.500	23.160	6.125	59.96	23.87	20.1	75.0
	2.00	601.0	4.73	214.900	33.800	28.635	7.528	59.79	23.71	20.1	75.0

PREVIOUS PROJECT



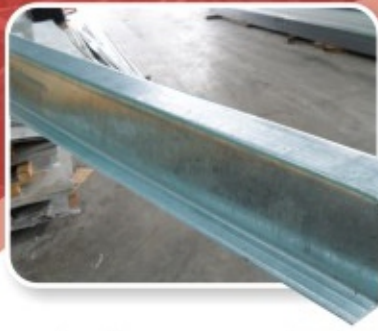
ADVANTAGES

- Anti-Termite and other insect inflection.
- Durability and accuracy of profile.
- Corrosion resistance by pre-galvanization
- Easy to install and save time.
- Minimum usage of material





METAL TRUSS SYSTEMS

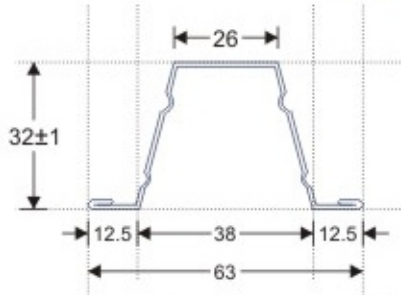


HIGH TENSILE "V" TRUSS

Batten (0.48mm thick)
Batten (0.50mm thick)

[BATTENS]

Batten 135



Thickness (mm)	Area (mm ²)	Weight (kg / m)	Ixx 10 ⁴ (mm ⁴)	Iyy 10 ⁴ (mm ⁴)	Zxx 10 ³ (mm ³)	Zyy 10 ³ (mm ³)	Rxx (mm)	Ryy (mm)	x (mm)	y (mm)
0.42	51.70	0.45	0.829	1.678	0.512	0.533	12.70	18.00	31.50	15.8
0.48	59.00	0.51	0.946	1.911	0.584	0.607	12.70	18.00	31.50	15.8
0.50	61.40	0.53	0.985	1.988	0.608	0.631	12.70	18.00	31.50	15.8
0.55	67.50	0.59	1.802	2.181	0.672	0.692	12.70	18.00	31.50	15.9

SECTION PROPERTIES



ACCESSORIES



L-Braket (1.6mm thick)



Screw



P.J Anchor 3/8 x 3"

ADVANTAGES

- Anti-Termite and other insect inflection.
- Durability and accuracy of profile.
- Corrosion resistance by pre-galvanization
- Easy to install and save time.
- Minimum usage of material



METAL ROOFING SYSTEMS

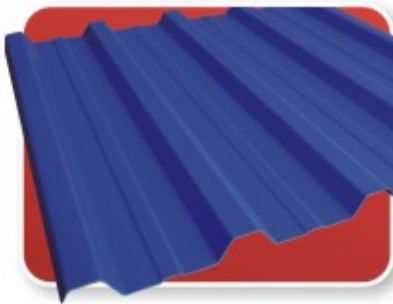
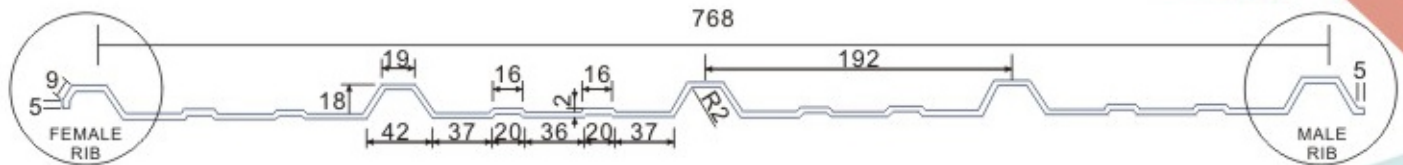
HIGH QUALITY ROOFING

Thickness : 0.18mm - 0.23mm

Width : 768mm

Height : 18mm

Colour : Blue / Beige /
Green / Red

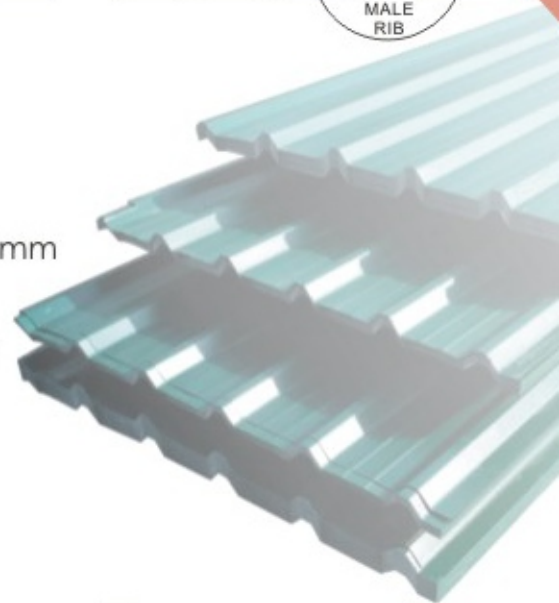


Thickness : 0.28mm - 0.47mm

Width : 762mm

Height : 25mm

Colour : Blue / Beige /
Green



PREVIOUS PROJECT



METAL ROOFING SYSTEMS

CLIP LOCK ROOFING

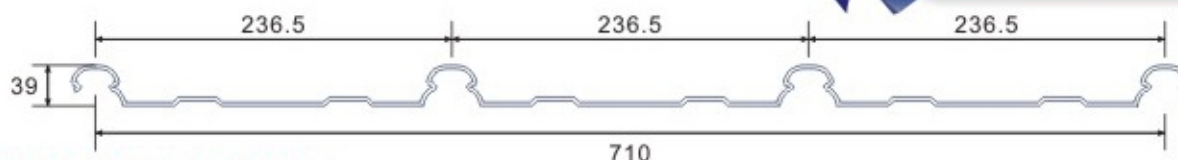
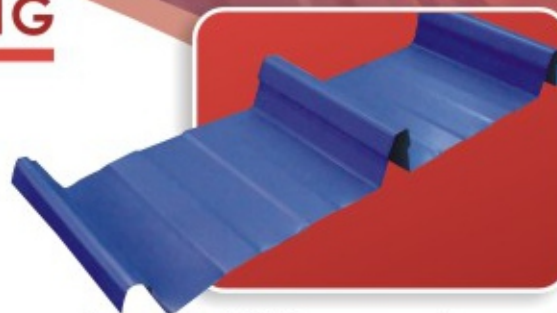
DIMENSIONS

Rib Height : 39mm
Effective Cover : 710mm
Minimum Roof Pitch : 1° **

**Subject to the roofing length

TOLERANCE

Thickness : $\pm 0.03\text{mm}$
Width : $\pm 3\text{mm}$
Length : $\pm 5\text{mm}$



AVAILABLE THICKNESS

Base Metal Thickness(mm)	Total Coated Thickness(mm)	Weight per metre (kg/m)	Weight per sqft metre (kg/m ²)	Coverage per ton (m ² /MT)	Steel Grade	Minimum Yield Strength(MPa)
0.35	0.42	2.67	3.77	265	ASTM A446-E	550
0.42	0.48	3.18	4.48	223	ASTM A446-E	550
0.48	0.55	3.61	5.08	197	ASTM A446-E	550

MINIMUM FALL RECOMMENDED MAXIMUM ROOF LENGTH (M)

SLOPE IN DEGREE RAIN FALL (MM/H)	1°	2°	3°	5°	7.5°
250	130	168	198	245	290
300	110	142	165	200	247
400	85	99	120	155	185
500	67	85	100	124	148

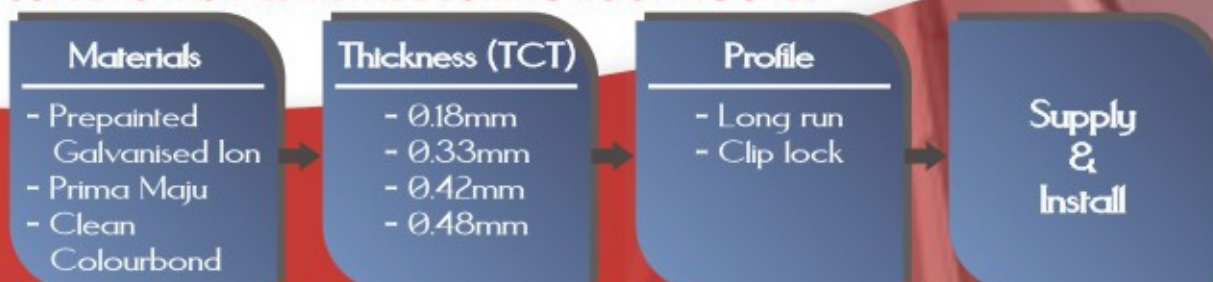
DISTRIBUTED LOAD CAPACITY - CONTINUOUS SPAN CONDITION

Thickness(mm) (TCT)	SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
0.48	Serviceability	kPa	3.07	2.50	2.10	1.55	1.16	0.88	0.66	0.51	0.38
	Strength	kPa	4.90	4.11	3.61	2.93	2.32	1.88	1.56	1.30	1.04
0.55	Serviceability	kPa	4.25	3.37	2.56	1.86	1.29	0.93	0.67	0.58	0.51
	Strength	kPa	6.31	5.22	4.23	3.38	2.75	2.20	1.81	1.62	1.44

MAXIMUM RECOMMENDED SPACING OF SUPPORTS

Thickness(mm) (TCT)	ROOF			WALL			Max Roof Overhang Unsupported
	Single Span	End Span	Internal Span	Single Span	End Span	Internal Span	
	mm	mm	mm	mm	mm	mm	
0.48	1600	1700	2200	2400	3000	3600	250
0.55	2000	2300	2800	2700	3300	3900	300

SUPPLY & INSTALL METAL DECKING ROOFING SHEET



GUTTER SERIES

PHOTO PREVIEW

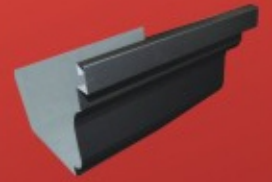
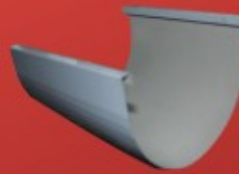
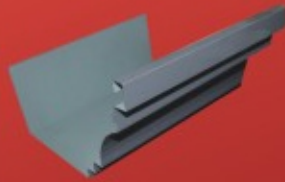
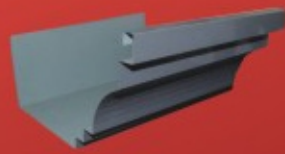
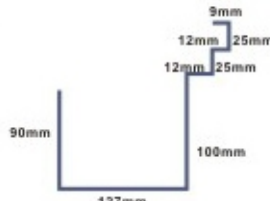


TABLE PREVIEW



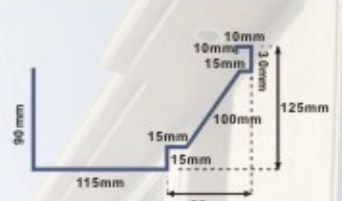
TSG 40013



TSG 40012



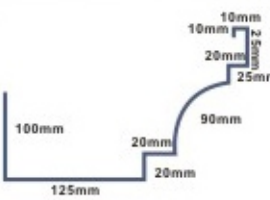
TSG 40011



TSG 40010



TSG 45010



TSG 45011



TSG 45012



TSG 45013

Dimension : 450mm / 600mm girth
Material : Range from G1/Aluzine/ Zinalume /PPG1/Cleancolor Bond
Thickness : Range from 0.18mm - 2mm
Ready Stock : 0.4mm / 0.5mm



TSG 45014

DOUBLE SIDED METALIZED POLYETHYLENE FOIL

5Layers Double Sided High Reflective Metalized Woven Foil



Metalized Film
 Polyethylene Film
 Woven Fabric
 Polyethylene Film
 Metalized Film

5Layers



PRODUCT DESCRIPTION

FEATURES	HIGH	MEDIUM	LOW
Grammage			✓
Tensile Strength	✓		
Elongation	✓		
Tear Resistance	✓		
WVTR			✓
Reflectivity		✓	

ADVANTAGES

- LOWEST PRICE BUT TOUGH
- EASY TO INSTALL AND COST EFFECTIVE
- AIR TIGHT INSULATION AGAINST CONDENSATION

