



ROOFING & WALLING PRODUCTS

Pierce-Fastened Roof System

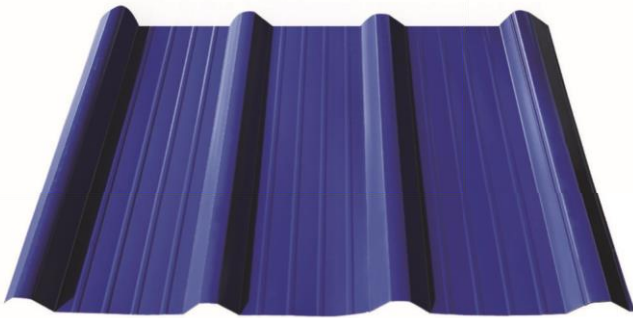


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MEGA RIB 30/35



Industrial Profile Metal Roofing



- Roll - forming long length high tensile metal decking with three fluted pans.
- Manufactured from high tensile steel substrate protected with corrosion inhibitive treatment.
- Roofing and walling profiles with material warranty up to 25 years. *(Warranty terms & conditions apply)*
- Effective cover width of 750mm and rib height of 28.5mm for MEGA RIB 30.
- Effective cover width of 723mm and rib height of 35mm for MEGA RIB 35.
- Recommended minimum roof pitch is 2°.
- High rib to ensure good spanning capability and excellent water-discharge capacity.
- Can be custom made lengths with option for on-site roll-forming.
- Widely used for commercial and industrial projects like shop offices, schools, multi-purpose halls, apartment, sprung curve roof, and etc.

PRODUCT FEATURES

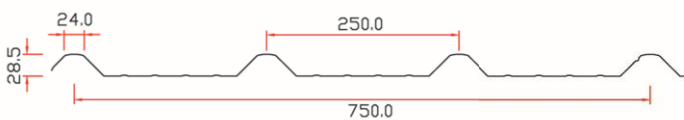
- Custom made lengths with options for on-site rolling.
- Long spanning capacity.
- Available in various thicknesses steel roofing & colours.
- Good rain water flow capacity.

Curvature

Natural Curve : >800mr Radius

Crimp Curve : >600mr Radius

AJIYA MEGA RIB 30



Dimensions

Rib height : 28.5mm ±1mm

Effective cover : 750mm

Minimum roof pitch : 2°

Tolerance

Thickness for material : ±0.03mm

Effective Width : ±5mm

Finishing Length : ±5mm

AJIYA MEGA RIB 35



Dimensions

Rib height : 35mm ±1mm

Effective cover : 723mm

Minimum roof pitch : 2°

Tolerance

Thickness for material : ±0.03mm

Effective Width : ±5mm

Finishing Length : ±5mm



AVAILABLE THICKNESS ***

	Base Metal Thickness (mm)	Total Coated Thickness (mm)	* Weight per meter (kg/m)	* Weight per sq meter (kg/m ²)	* Coverage per ton (m ² /MT)	Steel Grade	Minimum Yield Strength (MPa)
MEGA RIB 30	0.35	0.40	2.65	3.53	283	JIS3312(MS2383) / AS1397(MS1196)	550
	0.40	0.46	3.01	4.01	249	JIS3312(MS2383) / AS1397(MS1196)	550
	0.42	0.48	3.15	4.20	238	JIS3312(MS2383) / AS1397(MS1196)	550
	0.48**	0.53	3.58	4.77	209	JIS3312(MS2383) / AS1397(MS1196)	550
MEGA RIB 35	0.35	0.40	2.65	3.66	273	JIS3312(MS2383) / AS1397(MS1196)	550
	0.40	0.46	3.01	4.16	240	JIS3312(MS2383) / AS1397(MS1196)	550
	0.42	0.48	3.15	4.36	229	JIS3312(MS2383) / AS1397(MS1196)	550
	0.48**	0.53	3.58	4.95	201	JIS3312(MS2383) / AS1397(MS1196)	550

- Total Coated Thickness (TCT) depends on Coating Mass. Please contact our technical department for advice, or, other thickness.

* Weight shown above is depending on material used.

** 0.48mm: Depends on material availability.

DISTRIBUTED LOAD CAPACITY – CONTINUOUS SPAN CONDITION ***

Thickness (mm) [BMT]		SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
MEGA RIB 30	0.35	Serviceability	kN/m ²	2.03	1.63	1.33	1.08	0.93	0.83	0.73	0.63	0.53
		Strength		3.23	2.59	2.11	1.71	1.47	1.31	1.15	0.99	0.83
	0.40	Serviceability		2.58	2.13	1.83	1.53	1.28	1.03	0.93	0.83	0.73
		Strength		4.11	3.39	2.91	2.43	2.03	1.63	1.47	1.31	1.15
	0.42	Serviceability		2.93	2.43	1.98	1.63	1.38	1.13	1.03	0.88	0.78
		Strength		4.68	3.88	3.16	2.60	2.20	1.80	1.64	1.40	1.24
	0.48	Serviceability		3.53	3.13	2.53	2.08	1.73	1.43	1.23	1.08	0.98
		Strength		5.64	5.00	4.04	3.32	2.76	2.28	1.96	1.72	1.56
MEGA RIB 35	0.35	Serviceability	kN/m ²	2.53	2.03	1.73	1.43	1.23	1.03	0.93	0.78	0.68
		Strength		4.03	3.23	2.75	2.27	1.95	1.63	1.47	1.23	1.07
	0.40	Serviceability		3.53	2.83	2.23	1.93	1.63	1.38	1.13	0.98	0.88
		Strength		5.63	4.51	3.55	3.07	2.59	2.19	1.79	1.55	1.39
	0.42	Serviceability		3.83	3.13	2.53	2.13	1.73	1.48	1.23	1.08	0.98
		Strength		6.12	5.00	4.04	3.40	2.76	2.36	1.96	1.72	1.56
	0.48	Serviceability		4.53	3.83	3.13	2.53	2.13	1.83	1.53	1.38	1.23
		Strength		7.24	6.12	5.00	4.04	3.40	2.92	2.44	2.20	1.96

- Based on dead load 0.1kN/m², Live load 0.25kN/m² & wind load 0.75kN/m².

- Deflection Limit: SPAN/180.

RECOMMENDED MAXIMUM SPACING OF SUPPORTS ***

	Base Metal Thickness (mm)	Total Coated Thickness (mm)	ROOF			WALL		
			End Span (mm)	Internal Span (mm)	Cantilever (mm)	End Span (mm)	Internal Span (mm)	Cantilever (mm)
MEGA RIB 30	0.35	0.40	1200	1300	150	1300	1500	200
	0.40	0.46	1300	1400	150	1400	2100	200
	0.42	0.48	1500	1600	150	1550	2200	200
	0.48	0.53	1900	2000	150	1800	2500	200
MEGA RIB 35	0.35	0.40	1400	1500	200	1400	2100	250
	0.40	0.46	1500	1700	200	1500	2500	250
	0.42	0.48	1600	1800	200	1700	2500	250
	0.48	0.53	2000	2200	200	2000	2800	250

- Based on dead load 0.1kN/m², Live load 0.25kN/m² & wind load 0.75kN/m².

RECOMMENDED MAXIMUM ROOF LENGTH (M) ***

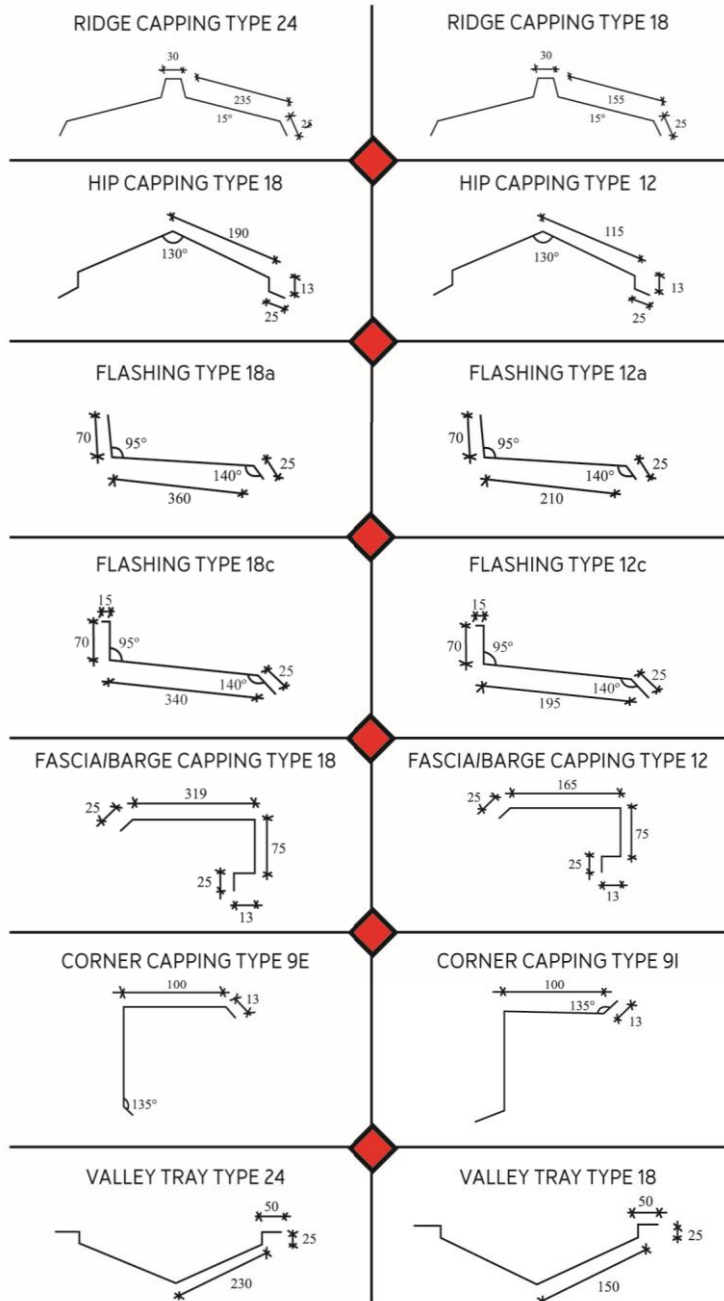
SLOPE IN DEGREE	RAINFALL (mm/h)	MEGA RIB 30					MEGA RIB 35				
		2°	5°	7°	10°	12°	2°	5°	7°	10°	12°
250		97	141	164	193	124	131	191	223	263	290
300		80	117	136	161	103	109	159	186	219	241
350		69	100	117	138	88	94	137	159	187	207
400		60	88	102	120	77	82	119	139	164	181

- The amount of water that must be shed increases with the length of the roof. To avoid possible back-up of water in severe wind conditions, the following recommended roof length should be considered as maximum for a given roof pitch and rain fall rate.

*** All thickness shown above is nominal & provisional. The information contained herein is factual and numerical value are accurate at time of publication and subject to actual site condition.



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COLOR SELECTION CHART



AJIYA Colour Chart



PrimaMaju Colour Chart



CEP Colour Chart



CCB Colour Chart

Note:

Colours printed in this brochure are as close as normal printing process would allow and customers are advised to check and verify your chosen colour against an actual sample of the product before purchasing.

Other colours and thickness available upon request. Subject to stock availability and time delivery. All colours shown above are close to the actual steel colour as the limitation of the actual colour tones.

The information and illustration contained herein are for guidance only. Care has been taken to ensure all data and information herein is factual and numerical values are accurate at the time of publication. However, any or all technical specification, information and dimensions are nominal and provisional; they are subjected to change and variations in accordance with market conditions at the date of factual supply. No representation is made or to be implied as to the data and information herein; Asia Roofing Industries Sdn. Bhd. and its subsidiary and associate companies shall not be responsible for any errors in or misrepresentation of the information contained in this brochure or its use. Asia Roofing Industries Sdn. Bhd. and its subsidiary and associate companies reserve the right to alter any or all specifications as deemed fit and necessary without prior notice.