



ROOFING & WALLING PRODUCTS

Pierce-Fastened Roof System



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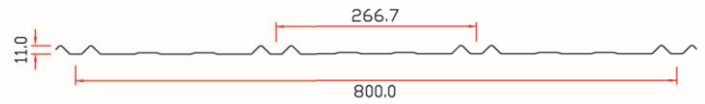
M-CLAD 800



Industrial Profile Metal Cladding



SECTIONAL PROFILE



- M-Clad 800 is manufactured from high tensile Steel Protected with corrosion inhibitive treatment.
- Cladding profile with material warranty up to 25 years. [\[Warranty terms & conditions apply\]](#)
- It can be used vertically and horizontally to allow creative and flexible.
- Suitable for use as wall cladding, fascias, feature wall, garage door cladding and fencing.

Dimensions

Rib height : 11mm ±1mm

Effective cover : 800mm

Tolerance

Thickness for material : ±0.03mm

Effective Width : ±5mm

Finishing Length : ±5mm

AVAILABLE THICKNESS ***

M-CLAD 800	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)
	0.35	0.40	2.65	3.31	302	JIS3312(MS2383) / AS1397 (MS1196)	550
0.40	0.46	3.01	3.76	266	JIS3312(MS2383) / AS1397 (MS1196)	550	
0.42	0.48	3.15	3.94	253	JIS3312(MS2383) / AS1397 (MS1196)	550	
0.48 **	0.53	3.58	4.48	223	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 ***

M-CLAD 800	Thickness (mm) [BMT]	SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
	0.35	Serviceability		kN/m ²	1.33	0.93	0.73	0.58	0.43	0.33	0.23	0.15
Strength		2.11	1.47		1.15	0.91	0.67	0.51	0.35	0.22	0.15	
0.40	Serviceability	1.53	1.13		0.83	0.68	0.53	0.38	0.25	0.18	0.13	
	Strength	2.43	1.79		1.31	1.07	0.83	0.59	0.38	0.27	0.19	
0.42	Serviceability	1.63	1.18		0.88	0.71	0.55	0.41	0.28	0.19	0.14	
	Strength	2.60	1.88		1.40	1.12	0.87	0.64	0.44	0.29	0.21	
0.48	Serviceability	1.83	1.33		1.03	0.83	0.65	0.47	0.33	0.23	0.15	
	Strength	2.92	2.12		1.64	1.32	1.03	0.75	0.52	0.36	0.23	

- 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 SUPPORT ***

M-CLAD 800	Base Metal Thickness (mm)	Total Coated Thickness (mm)	End Span (mm)	Internal Span (mm)	Cantilever
	0.35	0.40	650	900	100
0.40	0.46	800	1100	150	
0.42	0.48	900	1200	150	
0.48	0.53	1000	1300	150	

*** 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.



VALLEY FIXING OF AJIYA M-CLAD 800

GENERAL INFORMATION

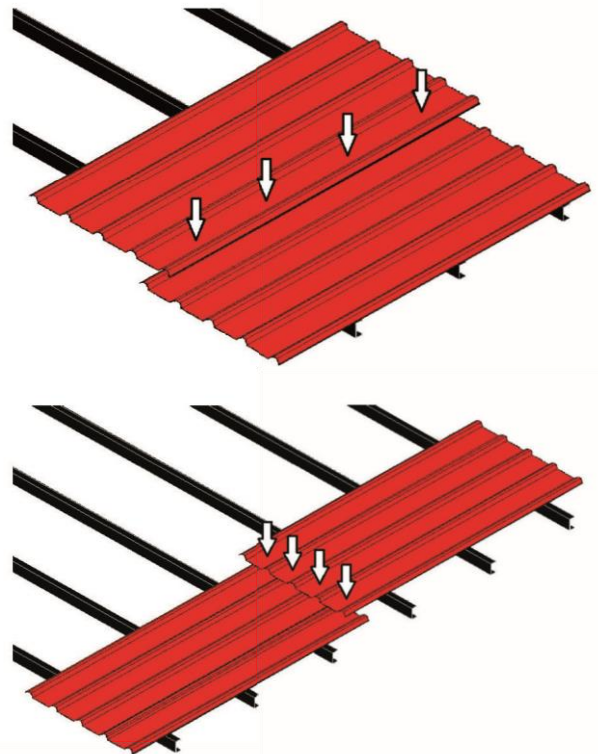
INSTALLATION METHOD

SIDE LAPS AND FLASHING

- Fasteners are required for metal roofing and flashing at mid spans for purlin spacing over 1,000mm and for girt spacing over 1,200mm.
- Flashing Fasten with stitching screw Hexagon Head No. 10 x 25mm self-drilling screw with pre-assembled neoprene bonded washer.

END LAP

- End laps to be fastened through crest along the purlins.
- Metal roofing sheet is available in continuous length limited only by the maximum transportable length of 25m.
- For longer length, end lap is recommended, minimum end lap overlapping should be 200mm-300mm. The lap should be secure fastening and treated with a recommended sealant.



SAMPLE OF SPECIFICATION

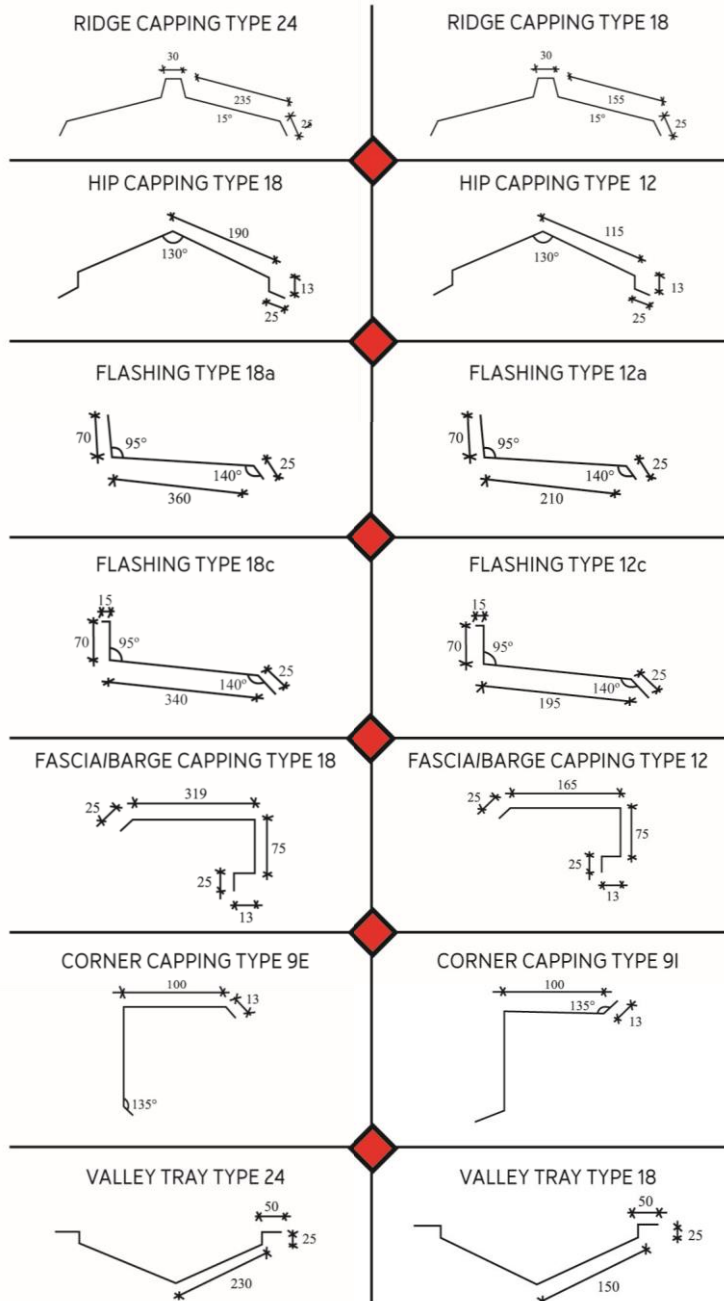
To supply **AJIYA (AP RIB, JET RIB, MEGA RIB 30 / 35)** High Tensile Metal Roofing Sheets in Pre-painted hot-dipped zinc-coated steel OR Pre-painted hot-dipped zinc aluminium alloy-coated steel to be fixed with/without insulation, and come complete with necessary fitting and accessories.

To supply **AJIYA MEGA RIB 30 PU PVC / METAL** High Tensile Metal Roofing Sheets in Pre-painted hot-dipped zinc-coated steel OR Pre-painted hot-dipped zinc aluminium alloy-coated steel insulated with Bonded Rigid Polyurethane insulation system, and come complete with necessary fitting and accessories.

Note: Details in accordance with manufacturer's instructions.



AJIYA STANDARD CAPPING / FLASHING



Corporate Head Office & Factory
Lot 153, Kawasan Perindustrian
Jalan Genuang, 85000 Segamat,
Johor.
Tel : +607-943 4211
Fax : +607-943 1054
Email: enquiry@ajiya.com

Marketing HQ & Factory
No. 4, Jalan Sg Pelubung 32/149
Seksyen 32, 40460 Shah Alam,
Selangor.
Tel : +603-5121 0011
Fax : +603-5121 0111

Southern Marketing Office & Factory
Lot 7068, Jalan Seelong,
Kampung Maju Jaya,
81300 Johor Bahru, Johor.
Tel : +607-557 3733
Fax : +607-556 5733

Mentakab Marketing Office & Factory
No.11, Jalan Industri 3/5,
Taman Perindustrian Temerloh,
28400 Mentakab, Pahang.
Tel : +609-270 1313
Fax : +609-270 1311

Related Companies

ARI UTARA SDN BHD (273092-U)
Lot 28, Taman Perindustrian
Bukit Makmur, 08000 Sungai Petani,
Kedah.
Tel : +604-442 2899
Fax : +604-442 2799

Subsidiary Companies

ARI TIMUR (KB) SDN BHD (714587-K)
Lot 1306, Kawasan Perindustrian
Pengkalan Chepa II,
16100 Kota Bharu, Kelantan.
Tel : +609-774 5946
Fax : +609-774 6946



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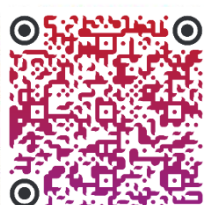
COLOR SELECTION CHART



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.

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