



ROOFING & WALLING PRODUCTS

Pierce-Fastened Roof System



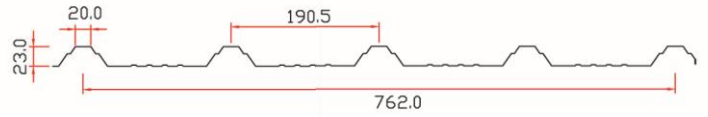
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AP RIB

Industrial Profile Metal Roofing



SECTIONAL PROFILE



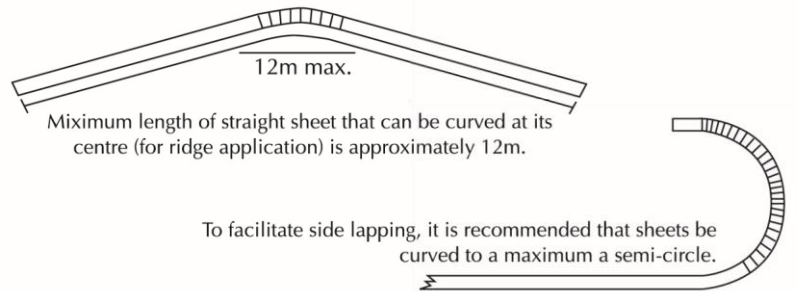
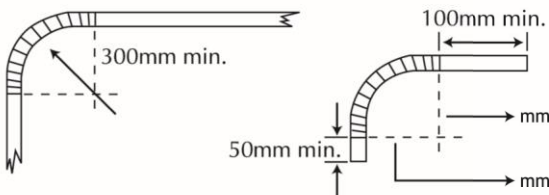
- Roll - forming long length high tensile metal decking.
- Manufactured from high tensile steel substrate protected with corrosion inhibitive treatment.
- Roofing and walling profiles with material warranty up to 25 years. *[Warranty terms & conditions apply]*
- With effective cover width of 762mm and rib height of 23mm.
- Recommended minimum roof pitch is 3°.
- Innovative, durable and cost effective.
- Widely used for commercial and industrial projects such as factories, condominium, cabin, hoarding, and etc.

Dimensions

Rib height	: 23mm ±1mm	Thickness for material	: ±0.03mm
Effective cover	: 762mm	Effective Width	: ±5mm
Minimum roof pitch	: 3°	Finishing Length	: ±5mm

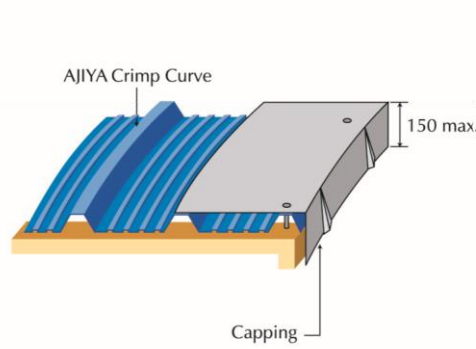
Tolerance

AJIYA CRIMP CURVE SERIES (APPLICABLE FOR AP RIB, MEGA RIB 30/35)

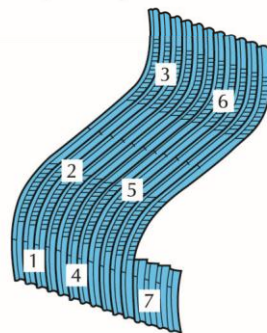


Customer to provide crimp curve height & width to us for crimping production.

A TYPICAL CRIMP CURVED FIXING	SHEET LAYING	ACCESSORIES
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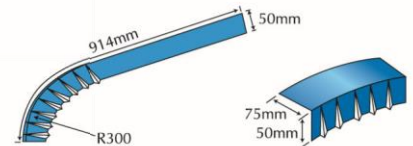


Where two or more sheets are used to cover the roof, lay each run of sheet from bottom to top before proceeding to the next run.

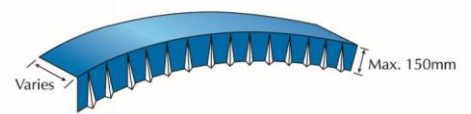


Numbers show sheet laying sequence

Standard AJIYA Crimp Curve Capping



Custom-made AJIYA Crimp Curve Capping.



**Other normal capping and flashing can be fabricated to requirements.

AVAILABLE THICKNESS ***							
AP RIB	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	3.48	287	JIS3312(MS2383) / AS1397 (MS1196)	550
	0.40	0.46	3.01	3.95	253	JIS3312(MS2383) / AS1397 (MS1196)	550
	0.42	0.48	3.15	4.13	241	JIS3312(MS2383) / AS1397 (MS1196)	550
	0.48**	0.53	3.58	4.70	212	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 ***												
AP RIB	Thickness (mm) [BMT]	SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
	0.35	Serviceability	kN/m ²	2.52	1.82	1.52	1.22	1.02	0.87	0.72	0.67	0.57
		Strength		4.03	2.91	2.43	1.95	1.63	1.39	1.15	1.07	0.91
	0.40	Serviceability		2.57	1.98	1.73	1.23	1.03	0.93	0.78	0.58	0.33
		Strength		4.10	3.15	2.75	1.95	1.63	1.47	1.23	0.91	0.51
	0.42	Serviceability		2.63	2.13	1.76	1.32	1.13	1.03	0.83	0.63	0.48
		Strength		4.20	3.40	2.81	2.10	1.80	1.64	1.32	1.00	0.76
	0.48	Serviceability		2.72	2.23	1.78	1.38	1.23	1.18	0.93	0.78	0.63
		Strength		4.34	3.56	2.84	2.20	1.96	1.88	1.48	1.24	1.00

- 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 ***						
AP RIB	Base Metal Thickness (mm)	Total Coated Thickness (mm)	ROOF		WALL	
			End Span (mm)	Internal Span (mm)	End Span (mm)	Internal Span (mm)
	0.35	0.40	900	1000	1200	1500
	0.40	0.46	1200	1500	1700	2000
	0.42	0.48	1200	1500	1700	2000
0.48	0.53	1300	1700	2000	2300	

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

RECOMMENDED MAXIMUM ROOF LENGTH [M] ***				
AP RIB	SLOPE IN DEGREE	3°	5°	7°
	RAINFALL (mm/h)			
	150	126	157	183
	200	95	118	137
	250	76	94	109
300	63	78	91	

- 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.



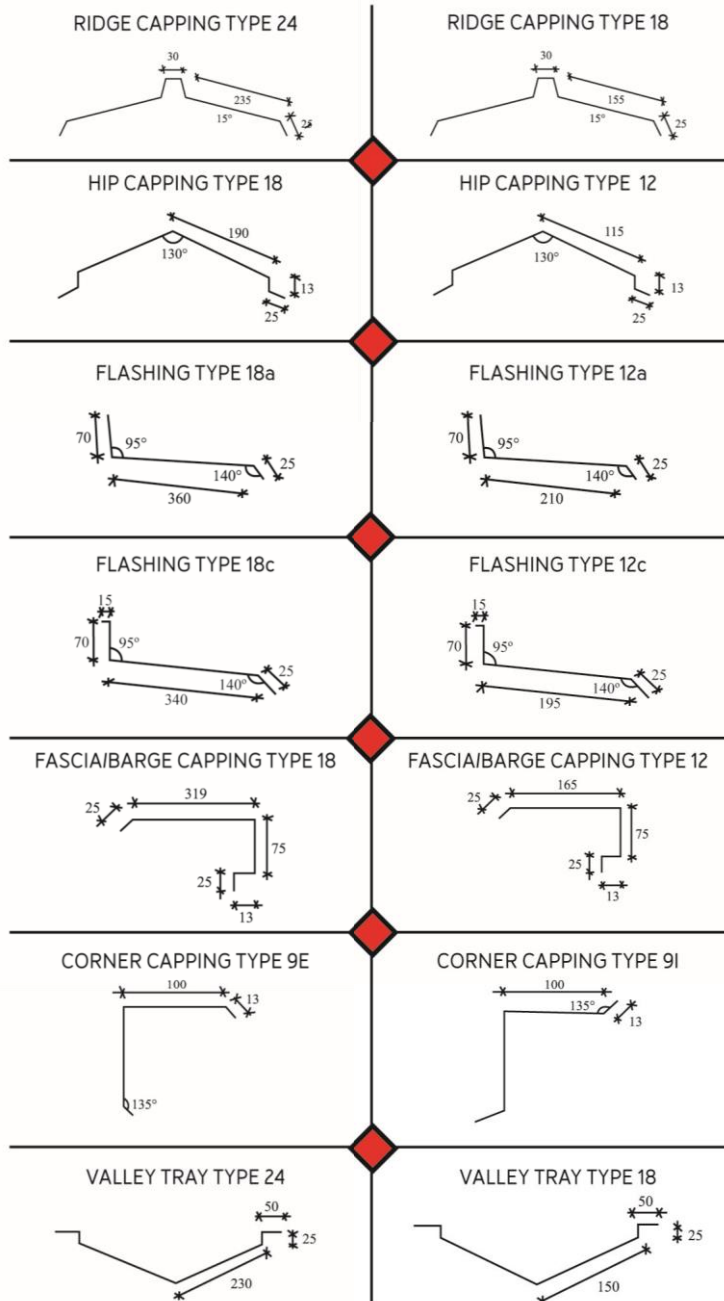
Semi Detached Factory, Kapar (AP RIB)



I-City Snow House, Shah Alam (AP RIB CRIMP CURVE)



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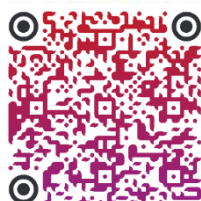
COLOR SELECTION CHART



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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