



ROOFING & WALLING PRODUCTS

Pierce-Fastened Roof System



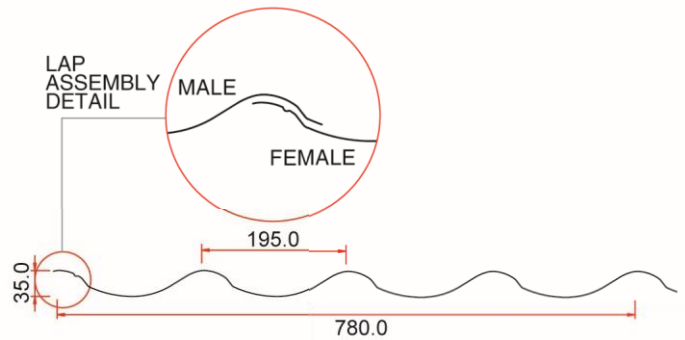
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Step Profile Metal Roofing



- Roll-formed from G300 grade of steel step profile metal roofing sheet.
- Roofing profiles with material warranty up to 25 years. *(Warranty terms & conditions apply)*
- With effective cover width of 780mm and rib height of 35mm.
- Recommended minimum roof pitch 8°.
- Euro come with module length of 300mm and 350mm.
- Innovative, durable and cost effective.
- Widely used for all types of residential and commercial project such as bungalows, shop offices, hostels, condominiums, schools, government staff quarters, mosques and etc.
- Prevent burglaries entry, durable and lightweight compare to conventional concrete tiles.
- 80% lighter material compare to normal clay / concrete tiles, it is extremely easy to handle and do not impose unnecessary stress onto the roof structures, furthermore it is unbreakable.

SECTIONAL PROFILE



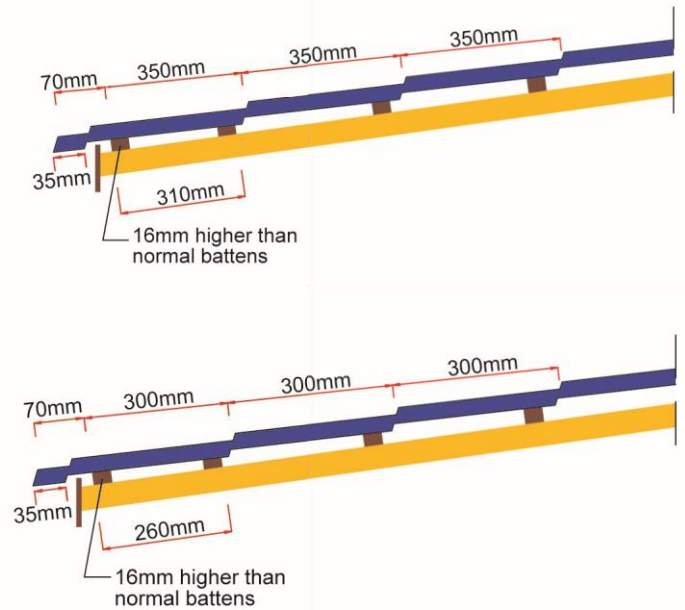
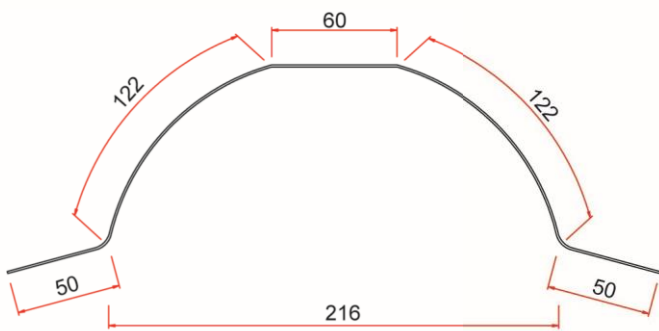
Dimensions

Rib height	: 35mm ± 1mm
Effective cover	: 780mm
Minimum roof pitch	: 8°

Tolerance

Thickness for material	: ±0.03mm
Effective Width	: ±3mm
Finishing Length	: ±5mm

STANDARD BARREL CAPPING



AVAILABLE THICKNESS ***							
EURO	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	3.40	295	JIS3312(MS2383) / AS1397 (MS1196)	300
	0.40	0.46	3.01	3.86	259	JIS3312(MS2383) / AS1397 (MS1196)	300
	0.42	0.48	3.15	4.04	248	JIS3312(MS2383) / AS1397 (MS1196)	300
	0.48**	0.53	3.58	4.59	218	JIS3312(MS2383) / AS1397 (MS1196)	300

- 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							
EURO	Thickness (mm) (BMT)		mm	300mm module		350mm module	
				(End Span) 260mm	(Internal Span) 300mm	(End Span) 310mm	(Internal Span) 350mm
	0.35		Serviceability	kN/m ²	1.48	1.29	1.25
Strength			2.36				
0.40		Serviceability			1.97	1.71	1.66
		Strength	3.14				
0.42		Serviceability			2.18	1.89	1.83
		Strength	3.47				
0.48		Serviceability			2.81	2.44	2.36
		Strength	4.48				

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

- Deflection Limit: SPAN/180.

Recommended Maximum Spacing of Supports (for 350mm module)					
EURO	Base Metal Thickness (mm)	Total Coated Thickness (mm)	ROOF		
			End Span (mm)	Internal Span (mm)	Cantilever (mm)
	0.35	0.40	310	350	250
0.40	0.46	310	350	250	
0.42	0.48	310	350	250	
0.48	0.53	310	350	250	

Recommended Maximum Spacing of Supports (for 300mm module)					
EURO	Base Metal Thickness (mm)	Total Coated Thickness (mm)	ROOF		
			End Span (mm)	Internal Span (mm)	Cantilever (mm)
	0.35	0.40	260	300	250
0.40	0.46	260	300	250	
0.42	0.48	260	300	250	
0.48	0.53	260	300	250	

*** 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.

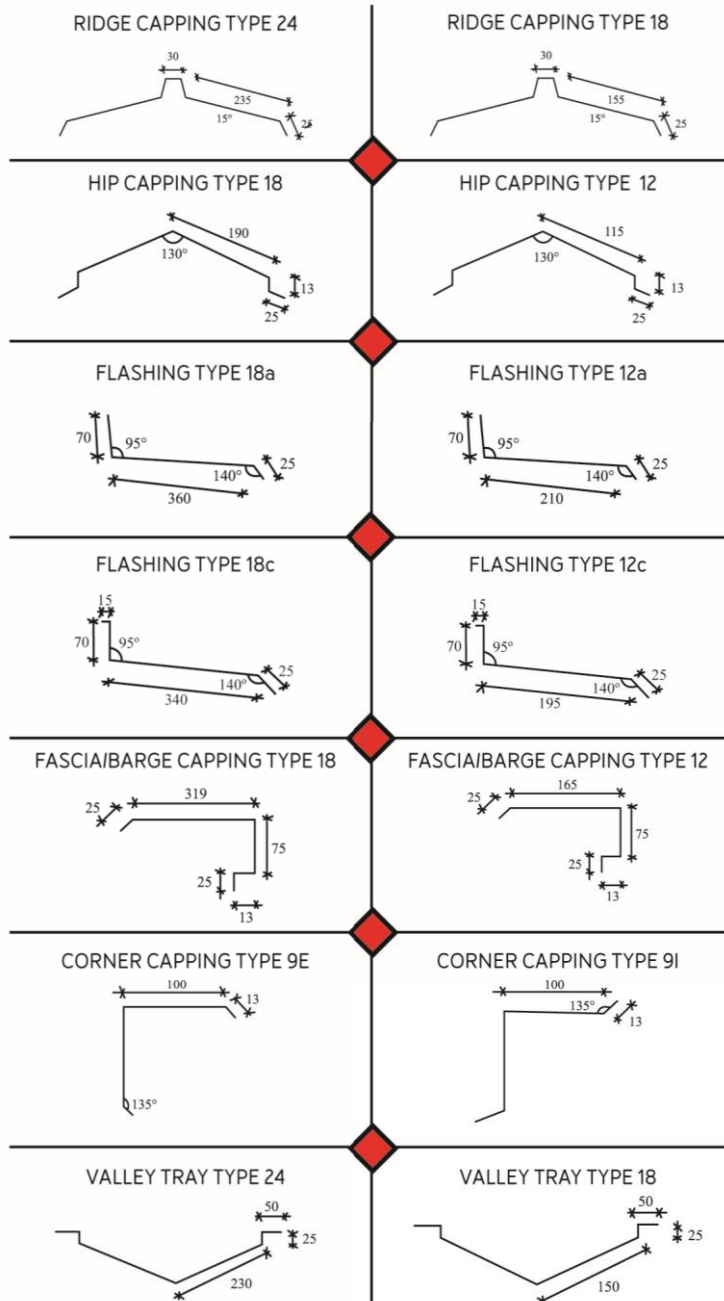
SAMPLE OF SPECIFICATION

To supply **AJIYA EURO STEP PROFILE** 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.

Note: Details in accordance with manufacturer's instructions.



AJIYA STANDARD CAPPING / FLASHING



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.

Corporate Head Office & Factory

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 Fax : +607-943 1054
 Email: enquiry@ajiya.com

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Mentakab Marketing Office & Factory

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Related Companies

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Subsidiary Companies

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