



Technical Details:	
Usage	Roofing/Wall Cladding
Material Thickness (Post Production)	Aluminum: 0.5 – 0.9 Alloy A3105 H16**
	Alu-zinc: 0.30 - 0.90 ASTM A792*
	Galvanized Iron (GI) 0.30 - 0.90 ASTM A653*
Dimensions	Covering Width: 1000mm
	Length: upto 14000mm
	Profile Pitch: 250mm
	Profile Depth: 250mm
	Crown: 32mm
	Valley: 140mm
	Overlap: 15mm
Rib Width: 110mm	
Colors	Standard RAL colors***
Coating /Finish	Pre-painted Polyester
	Pre-painted PVDF
	Plastisol
	Mill Finished
Accessories	Curved Eave 32/250, PB Ridge, Flashings, Gutters, Self-Tapping Screws, Self-Drilling Screws, Butyl Sealant Tape, Purlin Tape, PVC Tape, PVC Color Caps, Aluminum Rivets, Bulb tite Rivets, Filler Blocks, Silicon Sealant

* Different Grades can be supplied on request

** Different Alloy can be supplied on request

*** Special colors on request; minimum order quantity applied

Thickness mm	Area mm ²	Inertia mm ⁴	Z top mm ³	Z Bot mm ³	Aluminium	Steel	Aluminium	Steel
					Max Moment Top		Max Moment Bottom	
					fy = 170 KN/m	fy = 250 KN/m	fy = 160 KN/m	fy = 250 KN/m
0.50	591	166039	5524	10753	0.64	0.94	1.24	1.82
0.60	709	199241	6615	12869	0.76	1.12	1.48	2.18
0.70	827	232444	7705	14965	0.89	1.31	1.73	2.54
0.80	945	265648	8791	17048	1.01	1.49	1.97	2.89
0.90	1063	298854	9874	191107	1.14	1.68	2.21	3.24
1.00	1181	332062	10953	21174	1.26	1.86	2.44	3.59

Weight Per Liner Meter	Galvanized (Kg/m ²)		Aluminium (Kg/m ²)	
	0.40	3.83	0.50	1.68
	0.50	4.79	0.70	2.35
	0.60	5.75	0.90	3.02
	0.70	6.70		
	0.80	7.66		
	0.90	8.62		
1.00	9.58			