

Usage	Roofing Cladding
Material	Aluminum (Inner & Outer Sking option)
	Alu-zinc (Outer skin option)
	Galvanized Iron (GI) (Inner & Outer skin options)
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
	Profile Pitch: 250mm
	Crown: 32mm
	Valley: 140mm
	Rib Width: 110mm
Colors	Standard RAL colors
	Pre-painted Polyester
Coating/Finish	Pre-painted PVDF
	Plastisol
	Mill Finished
Insulations	PIR (Polyisocyanurate)
	PU (Polyurethane) & Rockwool
Insulation Thickness	50mm, 75mm & 100mm
Density	PIR 40-45kg/m <sup>3</sup> PU 35-38kg/m <sup>3</sup>
Water Absorption	1.0% of Volume after 24 hours
Closed Cells	-93%
Fire Properties	Class A ASTM E84
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

### Base Metal:

Aluminium alloy A3105 H16 tension levelled coils in pre-coated or mill finished condition. Data provided are for yield strength of 170N/mm<sup>2</sup>.

Galvanized iron (GI) sheets conforming to ASTM A653, lock forming quality (LFQ), yield strength 250 N/mm<sup>2</sup>, Zinc coating (G60) 180gm/m<sup>2</sup>

Galvanized iron (GI) sheets conforming to ASTM A653, Grade "D" yield strength 345N/mm<sup>2</sup>. Zinc coating (G90) 275gm/m<sup>2</sup>

Alu-zinc alloy coated steel sheets conforming to ASTM A792 lock forming quality yield strength 280 N/mm<sup>2</sup>.

### Surface Coating:

Metallic top skin and the liner material (other than the aluminium foil) can be supplied with surface coating as follows,

Top Coat 20 microns regular modified polyester (RMP) over 5 microns primer on the outer surface (weathering side) and 5 to 7micron primer on the reverse. PVDF, plastisol shall be applicable on request.

\* Different Grades can be supplied on request

\*\* Different Alloy can be supplied on request

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

### 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