### Usage
- Roofing Cladding

### Material
- Aluminum (Inner & Outer Skin options)
- 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

### Coating/Finish
- Pre-painted Polyester
- Pre-painted PVDF
- Plastisol
- Mill Finished

### Insulations
- PIR (Polisocynurate)
- PU (Polyurethane) & Rockwool

### Insulation Thickness
- 50mm, 75mm & 100mm

### Density
- PIR 40-45kg/m³
- PU 35-38kg/m³

### 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/mm².
- Galvanized iron (GI) sheets conforming to ASTM A653, lock forming quality (LFQ), yield strength 250 N/mm², Zinc coating (G60) 180gm/m²
- Galvanized iron (GI) sheets conforming to ASTM A653, Grade "D" yield strength 345N/mm². Zinc coating (G90) 275gm/m²
- Alu-zinc alloy coated steel sheets conforming to ASTM A792 lock forming quality yield strength 280 N/mm².

### 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