



### Metal Sheet for Roofing and Siding

#### Material

1. Using coated steel sheet with Zincalume which consisting of hot-dipped zinc-aluminium 55% alloy-coated. Coated on the steel sheet on both sides is not less than 200g/ sqm. (AZ200). Certified. TIS 2228 – 2565 (2022). comply AS1397.
2. Guaranteed Minimum Yield Strength of 550 Mpa for G550 or 300 Mpa for G300 depend on metal sheet profile.
3. Thickness of steel sheet and coating layer as TIS 2228-2022 standards follows
  - Base Metal Thickness; BMT nominal 0.42 mm. Total Coating Thickness; TCT nominal 0.49 mm.
  - Base Metal Thickness; BMT nominal 0.45 mm. Total Coating Thickness; TCT nominal 0.52 mm.
  - Base Metal Thickness; BMT nominal 0.48 mm. Total Coating Thickness; TCT nominal 0.55 mm.
  - Base Metal Thickness; BMT nominal 0.55 mm. Total Coating Thickness; TCT nominal 0.62 mm.
4. Reference standard
  - TIS. 2228 – 2022 Hot-dip 55% aluminium/zinc-coated cold-rolled flat steel
  - AS 1397 - 2021 Continuous hot-dip metallic coated steel sheet and strip – Coating of zinc and zinc alloyed with aluminium and magnesium
5. The material should pass Methods of Test For Metallic and Related Coatings Corrosion and Related Property Tests - Wet (Salt Fog)/Dry/Humidity (Cyclic Corrosion Test) in not less than 2,000 hours intended to be a more realistic way to combine traditional exposure to salt spray with a variety of other controlled climates by using cutting tools to make an “X” scribed line on the sample without red rust under the cutting scribed line of more than 1 mm and no corrosion on the base metal in accordance with AS 2331.3.13-2006 Cycle E
6. The material should pass Standard Practice for Operating Salt Spray (Fog) Apparatus (Salt Spray Test) in not less than 2,000 hours by using cutting tools to make “X” scribed line on the sample without red rust under the cutting scribed line of more than 2 mm and no corrosion on the base metal in accordance with ASTM B117-2016

#### Product Warranty

Application of Zincalume® Steel products for roofing and siding will receive 20 years product warranty of Shall not perforate by corrosion according to the terms and conditions of the company.