



Metal Sheet for Roofing and Siding

Material

1. Using coated steel with hot-dipped zinc-aluminium 55% alloy-coated. Coating on the steel sheet on both sides is not less than 150 g/sqm. (AZ150) that is Colorbond® Steel XPD steel. Certified by TIS standards 2753-2559 (2016) Type 22, 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 2753-2016 standards follows
 - Base Metal Thickness; BMT nominal 0.42 mm. After Paint Thickness; APT nominal 0.51 mm.
 - Base Metal Thickness; BMT nominal 0.45 mm. After Paint Thickness; APT nominal 0.54 mm.
 - Base Metal Thickness; BMT nominal 0.48 mm. After Paint Thickness; APT nominal 0.57 mm.
 - Base Metal Thickness; BMT nominal 0.55 mm. After Paint Thickness; APT nominal 0.64 mm.
4. Coated with a polyester paint system with Clean Technology which resists dirt staining and Thermatech Technology to reflect heat which contains a mixture of inorganic pigment. The thickness of the coating as follows.
 - Finishing Coat PVDF 20 microns
 - Corrosion Inhibitive Primer Polyurethane 5 microns
 - Backing Coat Polyester 5 microns
 - Corrosion Inhibitive Primer Polyester 5 microns
5. Reference standard
 - TIS. 2753-2016 Type 22 Prepainted Hot-DIP 55% Aluminium/Zinc-Coated Cold-Reduced flat steel
 - AS 1397-2021 Continuous hot-dip metallic coated steel sheet and strip – Coating of zinc and zinc alloyed with aluminium and magnesium.
 - AS/NZS 1365-1996 Tolerances for flat-rolled steel products
 - AS/NZS 2728-2013 Prefinished/ prepainted sheet metal products for interior/exterior building
6. 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

7. The material should pass Standard Practice for Operating Salt Spray (Fog) Apparatus (Salt Spray Test) in not less than 3,000 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
8. The material should pass Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials (QUV accelerated weathering test) using weathering simulator including the QUV A and Humidity, not less than 2000 hours, color difference after test (Delta E-CIE Lab) is not more than 1.00 in accordance with ASTM G154:2016

Exclude the Night Sky color

Product Warranty

Application of Colorbond® Steel XPD products for roofing and siding will receive a product warranty according to the terms and conditions of the company as follows.

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| - Shall not perforate by corrosion Perforation due to corrosion | 30 years |
| - Shall not Color Peeling and Flake | 15 years |
| - Shall not Color Fading and Chalking | 10 years |
| - Shall not discoloration by Dirt Retention | 5 years |