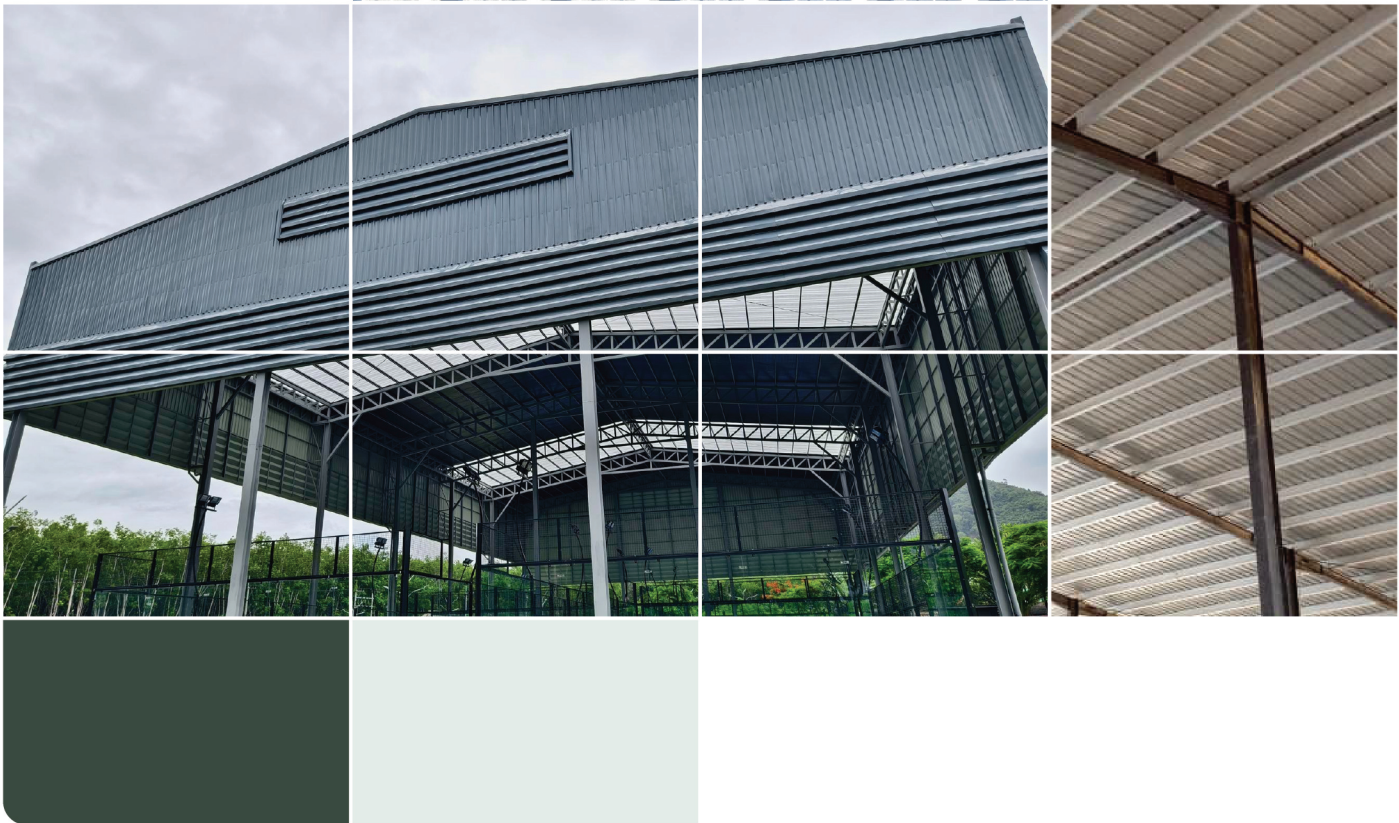


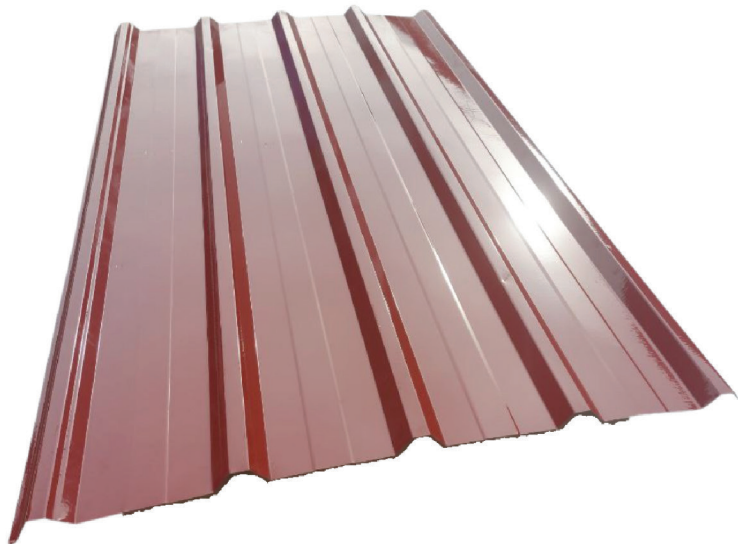
# BrisDeck

Roofing Solutions  
Under One Roof



PRODUCT PROFILE

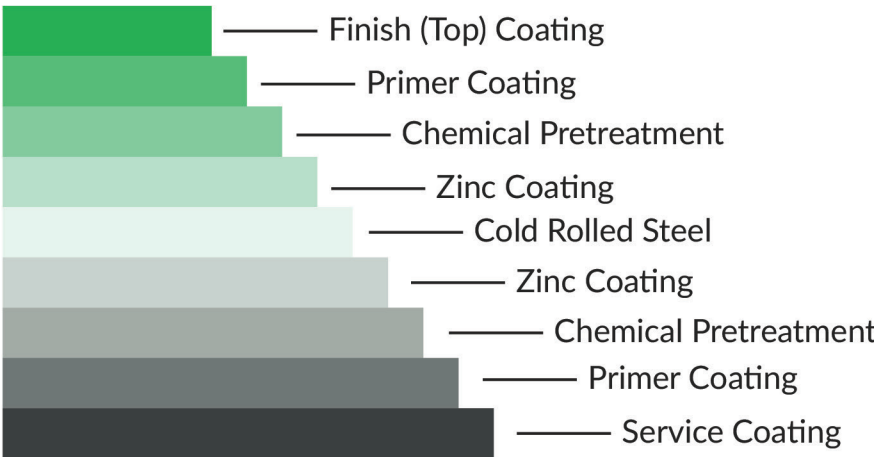
**BrisDeck** is a lightweight 5 ribbed, roll formed profile, which provides excellent spanning capacity. It has extra one lower ribs in the valley to add strength to the profile also giving a stronger visual effect and is ideal for domestic, industrial and commercial applications. It can be used for walling and fencing and applicable horizontally or vertically. The effective cover is 762mm and the rib height is 25mm.



MATERIAL USED

- Steel Grade and Thickness**  
The steel grade used is G300 / G550 and the thickness of steel used varies from G24 to G28.
- Protective Zinc Coating**  
All steel sheet used in the manufacture of the roofing sheets shall have a protective layer of zinc coating conforming to class AZ90 - AZ200.
- Galvanic Action Protection**  
The zinc coating is the protective cover to the steel against corrosion. If the coating is accidentally scratched or breached so as to expose the steel, then the Galvanic Action Protection will take place. When zinc and steel are together in the electrolytic solutions such as water or seawater, the zinc then act as a sacrificial anode and corrode first because of the differences between their elector- motive forces. This will cover the exposed steel where the zinc is adjacent to it to prevent the steel from corrosion.

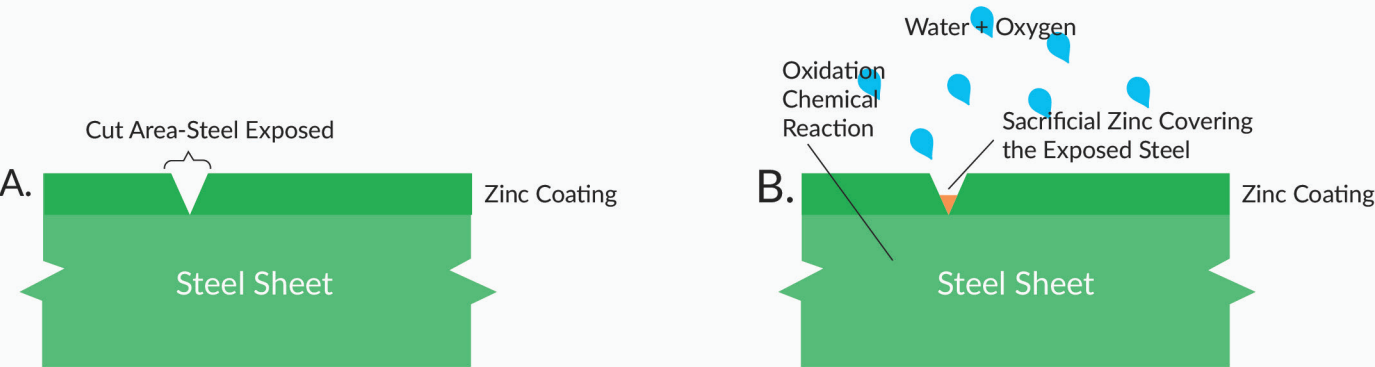
COATING THICKNESS



Product Cross-Section

TYPE	THICKNESS AVAILABLE
Service (Backer) Coat	5 - 10 µm max
Primer Coat	5 - 10 µm max
Finish Coat	15 - 25 µm max
Primer Coat + Finish Coat	20 - 35 µm max

ZINC PROTECTION ACTION



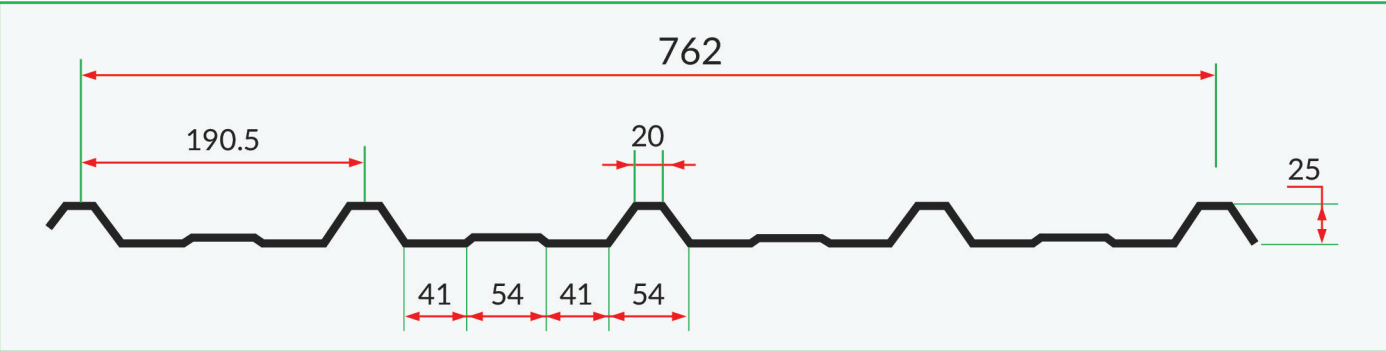


PREPAINTED GALVANISING IRON JISG 3312

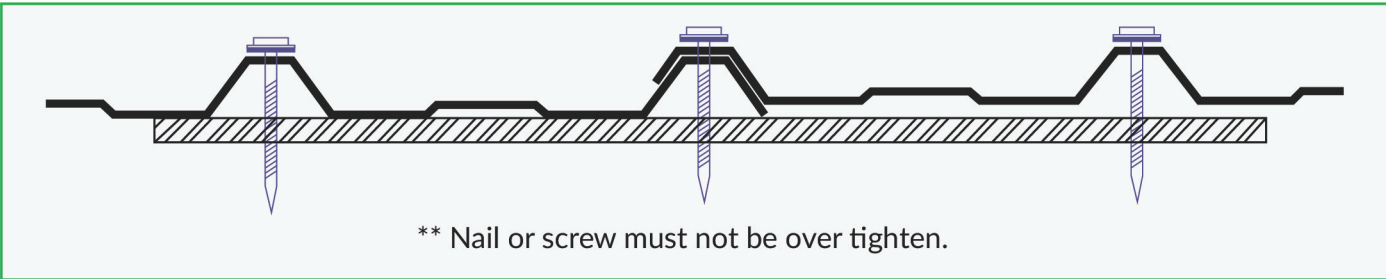
Coated sheets are factory painted by the Continuous Color Coating Line Process fully computerized and automated. It is capable of a 2-coat and 2-bake process. The coating is high-grade material with excellent adhesive and weather resistant properties.

- **Top Coat**  
High-grade polyester paint range from 15µm-25µm over 5-10µm of corrosive inhibition epoxy primer.
- **Reverse Coat**  
Service (Baker) polyester coating of 5-10µm over 5-10µm of corrosive inhibition epoxy primer.

Cross Section Detail



Installation Detail



TECHNICAL SPECIFICATIONS

Summary

- Effective Width: 762 mm
- Weight: 4.4 kg/m<sup>2</sup>
- Steel Grade: G300 / G550
- Zinc Coating: AZ90 / AZ200

GENERAL SPECIFICATIONS											
BASE METAL THICKNESS	TOTAL COATING THICKNESS	STEEL GRADE	MASS	MINIMUM ALLOWABLE PITCH	MAX. ALLOWANCE SPACING SUPPORT						MAX. OF OVERHANGE UNSUPPORT
(mm)	(mm)		(kg/m²)	(mm) or Deg	ROOFS			WALLS			( mm )
					Single Span (mm)	End Span (mm)	Internal Span (mm)	Single Span (mm)	End Span (mm)	Internal Span (mm)	
0.42	0.475	G300/550	4.4	(lin 20) or 3°	1000	1000	1200	1200	1200	1200	150

COATING SPECIFICATIONS	
Finished Colour Coating	5 microns epoxy primer / 20 microns polyester paint
Service Coating	10 microns
Zinc Coating	AZ90 - AZ200
Available Finish	GI (Zine-coated steel sheet) JIS G3302-1987 / ASTM A 446E
	Colour (Prepainted steel sheets) JIS G3312-1987 / ASTM A 446E



# Engineered For Excellence, Built for Durability

We believe light steel construction is the future — engineered for speed, affordability, and reliability in every build.

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