



**Alrite Steel & Services NZ Limited**

# **Flat Rolled Products**

## **Steel in Coils & Sheets**



## COILS, SHEETS & PLATES

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Alrite Steel & Services NZ Ltd is your complete steel coils, sheets and plate supplier.

Our Steel Coils, Sheets & Plates are manufactured and supplied from reputable local and international steel mills, in compliance to New Zealand Specifications, Standards and the requirements of the New Zealand Building Code and backed by Alrite's 50 year Durability Statement.

Alrite Steel & Services NZ Ltd imports, stocks and distributes all types of raw steel products from steel coils to Building and Civil construction steel with warehousing in Auckland, Tauranga and Christchurch.

With over 30 years' industry knowledge and experience, we have earned an enviable reputation for our outstanding customer service.

### **Statement of Objective:**

***To work with our clients in supplying compliant steel at the most competitive price!***

## ***Galvanised Steel (GI) - Hot Rolled (HGI) – Coils, Sheets & Plates***

Specification:	AS 1397:2011, AS/NZS 1365:1996 JIS G3302 - commercial, drawing & deep drawing quality - SGCC, SGC340, SGC400, SGC440, SGC 490, SGC570 - SGH340, SGH 400, SGH 440, SGH 490, SGH 570 - JIS G3321-2007 ASTM A653, ASTM A653M EN10142, EN10147 KS 3506 95
Grades:	G200 - G550 (Minimum Yield Strength - 200 to 550 MPA)
Thickness:	0.25mm to 12mm
Zinc Coating Mass:	100 to 600g/m <sup>2</sup> (Z100 to Z600)
Width:	Slit Coils 20mm +      Master / Mother coils 1200mm - 1800mm
Coil Weights:	Maximum 8 tons
Internal Diameter:	508mm / 610mm
Surface Finish:	Minimized, Zero & Regular Spangle
Surface Treatment:	Chromated
General End Use:	Steel framing for residential, commercial buildings & structures Purlins & Girths Steel Floor Decking & Beams/Joists Hollows tubes Steel Accessories Roller Doors
Plates / Sheets also available	

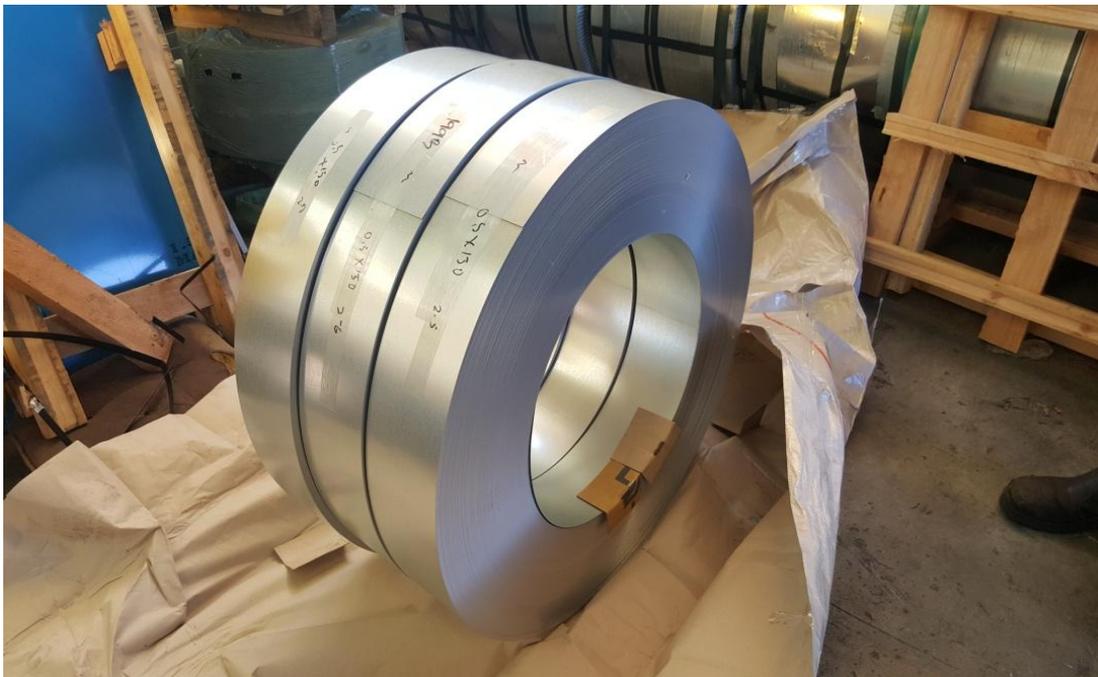


[www.alrite.co.nz](http://www.alrite.co.nz)

## ***Galvanised Steel (GI) - Cold Rolled (CGI) - Coils & Sheets***

Commercial, drawing & deep drawing quality

Specification:	JIS G3141 AS 1397:2011, AS/NZS 1365 ASTM A366, ASTM 366M
Grades:	G200 - G550 (Minimum Yield Strength - 200 to 550 MPA)
Thickness:	0.16mm to 3mm
Zinc Coating Mass:	100 to 400g/m <sup>2</sup> (Z100 to Z400)
Width:	Slit Coils 20mm +      Master / Mother coils 500mm - 1500mm
Coil Weights:	Maximum 3 tons
Internal Diameter:	508mm / 610mm
Surface Finish:	Minimized & Zero Spangle
Surface Treatment:	Full Hard Steel Coil - With or without Oil Skin-Passed Steel Coil - Bright or Dull Finish
General End Use:	Steel framing for residential & commercial buildings & structures Steel Floor Decking Steel Accessories – shelves, saw blades, drums, cans Roller Doors Hollow Tubes



## Electro-Galvanised (EG) Steel – Coils, Sheets & Plates

Electro galvanised steel is processed by a series of de-greasing, electroplating pure zinc coating and surface treatment and has excellent corrosion resistance. The surface quality is exceptionally good for applications that require a high finish after painting.

Specifications:	JIS G3313 & ASTM 879		
Grades:	SECC, SECD & SECE		
Thickness:	0.50 - 2.0mm		
Zinc Coating:	E08	10g/m <sup>2</sup> per side	
	E16	20g/m <sup>2</sup> per side	
	E24	30g/m <sup>2</sup> per side	
Width:	914 - 1265mm		
Coil Weights:	Maximum 10 tons		
Internal Diameter:	508mm		
Surface Finish:	Anti finger print (AFP) film, Non AFP, Chromate Free & Sealing Treatment		
Surface Treatment:	<u>Types</u>	<u>Symbol</u>	<u>Colour</u>
	Chromate-free Titanated	MF	Light Greyish White
	Chromate-free Titanated-Phosphated	P	Greyish White

General End Use: Steel Furniture  
 Office and Home electronics products & appliances  
 Medical cabinets  
 Door face & panel  
 Elevator Shell & Doors  
 Vehicle Body Shell



## **Hot Rolled (HR) – Coils, Sheets & Plates**

Specification:	AS/NZS 3678:2016, AS/NZS 1365:1996 SGH340, SGH 400, SGH 440, SGH 490, SGH 570 ASTM A36, ASTM 656, ASTM A656M JIS G3101, JIS G3131 EN 10025-2 S275 JO/JR, S355 JO/JR
Grades:	G200 - G550 (Minimum Yield Strength - 200 to 550 MPA)
Thickness:	0.5mm to 20mm (coils), Plate thickness up to 300mm
Width:	Master / Mother Coils 500mm - 1800mm (Plates up to 3000mm)
Coil Weights:	Maximum 8 tons
Internal Diameter:	508mm / 610mm
Surface Finish:	Mill Finish, slightly oiled
General End Use:	Steel & Floor Plates High Strength Wear & Alloy Plates Weather Resistance Plates Structural Sections Steel Tanks Steel Accessories – Framing Hollow Tubes

## **Hot Rolled Pickled & Oiled Coils & Sheets – HRP & O**

Pickled to remove rust, Oiled to guard against rust

Process that allow hot rolled coils & sheets to prevent rusting, improves hot rolled durability and workability. It provides a cleaner surface.



## ***Aluzinc / Galvalume / Zinalume – Prepainted & Unpainted Coils***

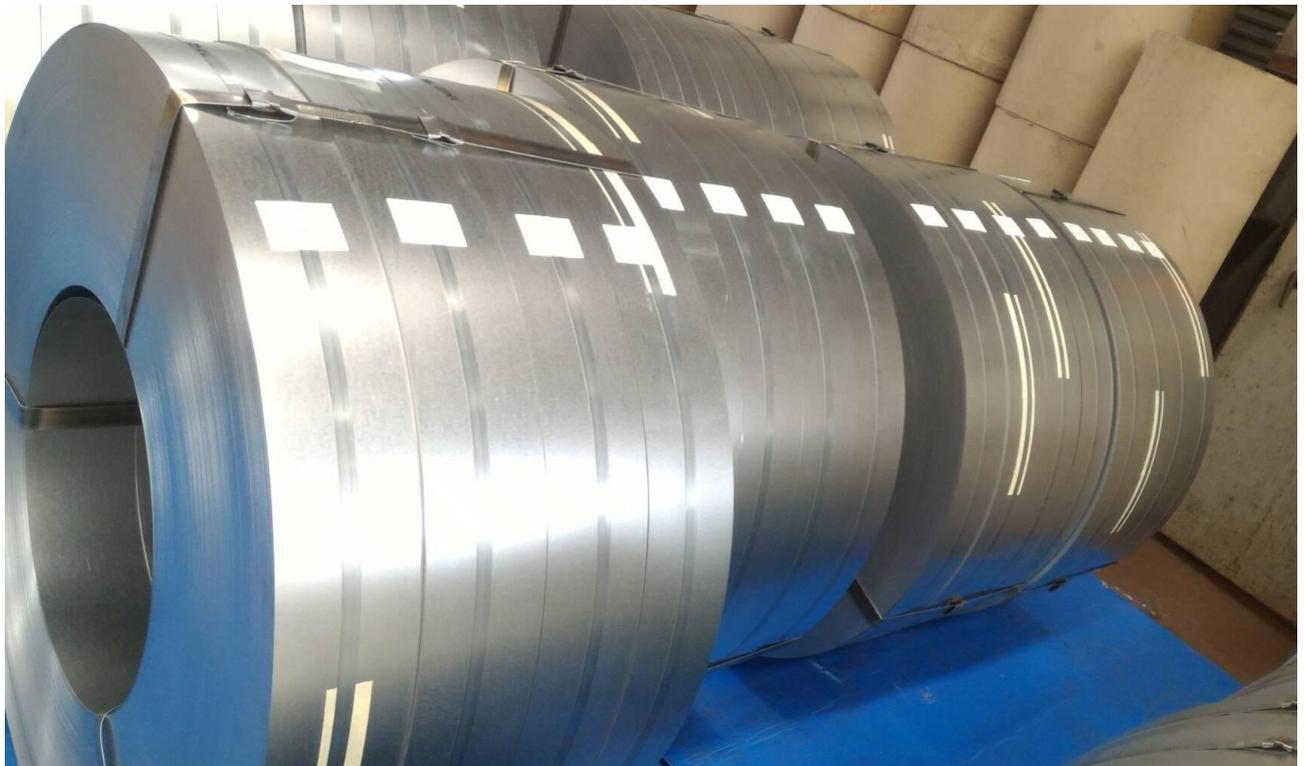
Steel coated with Aluminium (55%) and Zinc (45%) alloy by continuous hot-dip process, which combines the excellent barrier corrosion protection of Aluminium with galvanic protection of Zinc.

Specification:	AS 1397: 2011 ASTM A792 / M
Grades:	G300 - G550 (Minimum Yield Strength - 300 to 550 MPA)
Thickness:	0.3mm to 2.0mm
Zinc Coating Mass:	AZ100 – AZ200 g/m <sup>2</sup>
Width:	Master / Mother Coils 600mm - 1500mm
Coil Weights:	Maximum 8 tons
Internal Diameter:	508mm / 610mm
Surface Finish:	Zero, Minimized or Regular Spangle, Anti Finger Print, PE film, Skin passed, Dry, Unoiled
General End Use:	Roofing and cladding (siding) Building Panels Rainwater goods – gutters & downpipes Air conditioning & heating equipment & ducting Garage doors Guard Rails, Farm Equipment, Furnace Parts, Appliances



## Our Coil & Sheet Range





## Steel Frame Buildings – Residential & Commercial

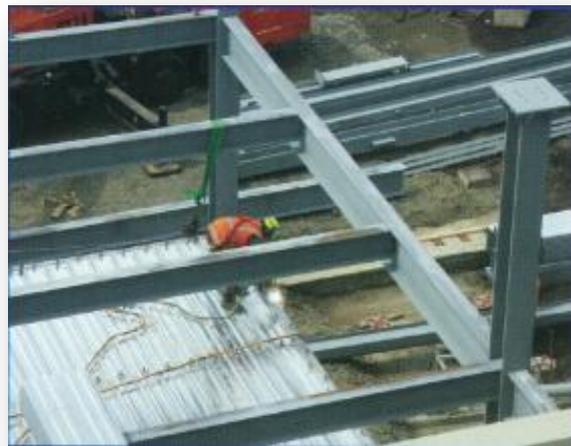












Alrite Steel works in conjunction with New Zealand market values, continuously aligning our work with the industry's codes and standards.

**Alrite Memberships:**



**Various NZ - Pacific Islands Business Councils.**



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