

# GI™ Zinc Coat

## Galvanised Iron Steel Coils and Sheets

**STANDARD**

JIS G3302/MS606 : 1991

### PRODUCT INFORMATION

The protection of steel against corrosion is to isolate the steel from the elements of corrosion, oxygen and water. We use the continuous hot-dip zinc-coating process. In this process the steel sheets is pretreated to improve surface workability and cleanliness before it is dipped into the zinc bath. This process conforms to JIS G3302/MS606 : 1991. The steel sheets is thus protected by the intermetallic alloy formed by the diffusion of the steel and zinc.

### MAJOR USAGE

For Residential & Industrial Roofings, Sidings, Claddings, Rain Gutters, Water Tanks, Downpipe, Steel Truss, Floor Decking, Doors & Windows Frames, Repair of Motor Vehicles, Refrigerator, Signboards, Shutters, Air-Cond Ducting & etc depending on thickness.

### DIMENSION (Normal Supply)

Base Metal Thickness, mm*	Width, mm*	Product Grade #	Mechanical Properties Steel Base	Typical
0.196, 0.21, 0.25, 0.27	914	SGCH, Full Hard Material	Tensile Strength, Mpa	550 - 780
0.30, 0.35, 0.38	914 - 1219		Yield Strength, Mpa	530 - 740
0.40, 0.42, 0.48	914 - 1219		Hardness, HRB	85 - 99
0.60, 0.80, 1.00, 1.20	1219		Elongation, %	1 - 6
0.261, 0.27	914	SGCC, Annealed / Soft Material	Tensile Strength, Mpa	250 - 370
0.30, 0.35, 0.38	914 - 1219		Yield Strength, Mpa	205 - 325
0.42, 0.50	914 - 1219		Hardness, HRB	55 - 65
0.60, 0.70, 0.80, 1.00, 1.20, 1.40	1219		Elongation, %	21 - 31

\* Other thickness and width will be available upon request.

# Other product grades such as Grade D / Grade E material are available subject to enquiry.