

### PRODUCT INFORMATION

Our Prepainted Galvanised Iron Steel Coils and Sheets (PPGI) is produced by first pretreating the surface of Galvanised Iron Steel Sheets and then continuously performing coating and baking by using the 2-coat, 2-bake process, in which a high-adherence and durable paint system is first applied to the Galvanised Iron steel sheets as the primer coat and baked. A weatherproof high quality durable paint system is further applied to the sheets over the primer coating as the finish coat and baked.

### MAJOR USAGE

Roll Form Roofing Sheets for Residential, Commercial and Industrial Roofing, Wall Cladding, Metal Tiles for Residential Roofing, Rain Gutters, Flashing, Fascia Board, Signboard, Roller Shutters, Ceiling-Tees, Appliances, Ceiling Panel, Electronic & Electrical Goods, Cold Room & etc.

### 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	CGCH, 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	1219		Elongation, %	1 - 6
0.261, 0.27	914	CGCC, 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	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.

### PAINT COATING SYSTEM

**Pretreatment** : Cleaning and chemical treatment for corrosion resistant conversion coating.

**Primer Coat** : Corrosion inhibitive Primer coating. Nominal thickness 5 - 10  $\mu\text{m}$  max on both side.

**Finish Coat** : A variety of finish coat is available. Nominal thickness 15 - 25  $\mu\text{m}$  max.

**Backer Coat** : Service coat on the backside. Nominal thickness 5 - 10  $\mu\text{m}$  max.