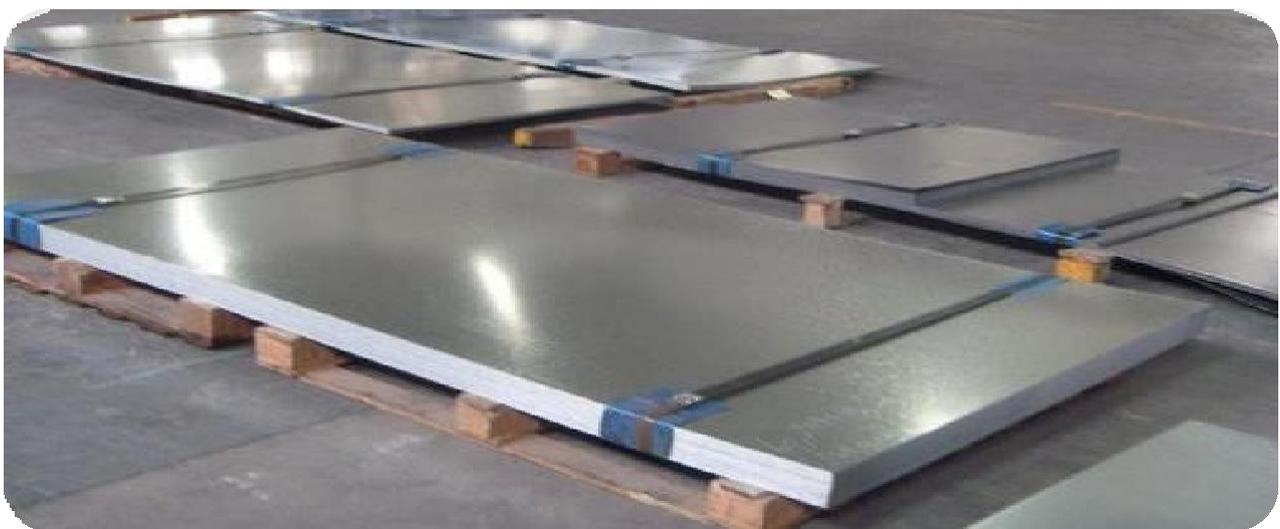


Dealing In:
Different size and measurement of
Color-coated steel sheets, Tinplate,
GP sheets, CR Coils and sheets, Tin Mill
black plate etc.

GALVANIZED PLAIN SHEETS

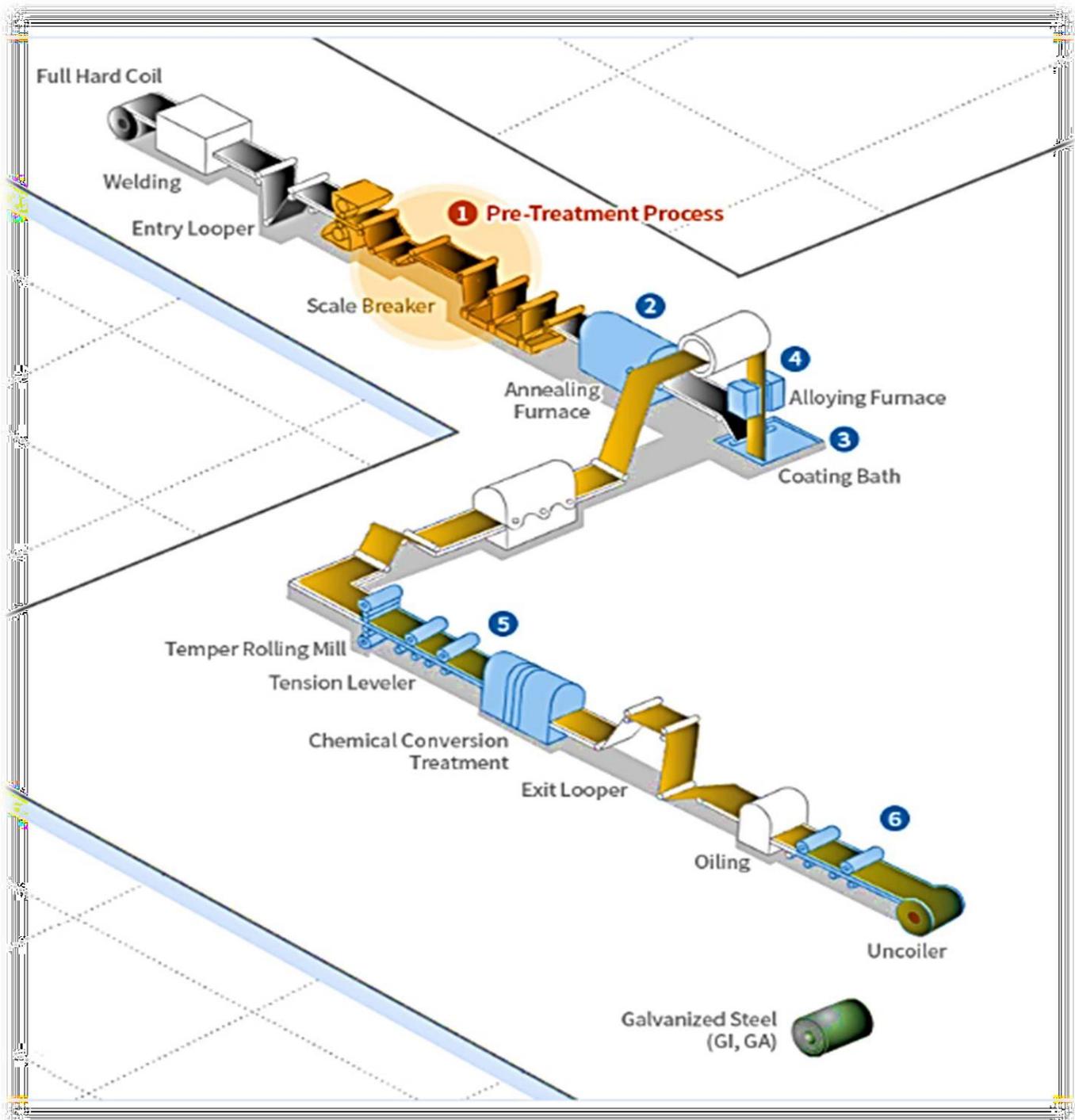
Contents

- ❖ Manufacturing Process 2
- ❖ Features 3
- ❖ Coating Structure 3
- ❖ Applications..... 3
- ❖ Available Sizes and Specifications 4
 - Available Size..... 4
 - Steel Type..... 4
 - Mechanical Properties 5
 - Bending Properties..... 5



Dealing In:
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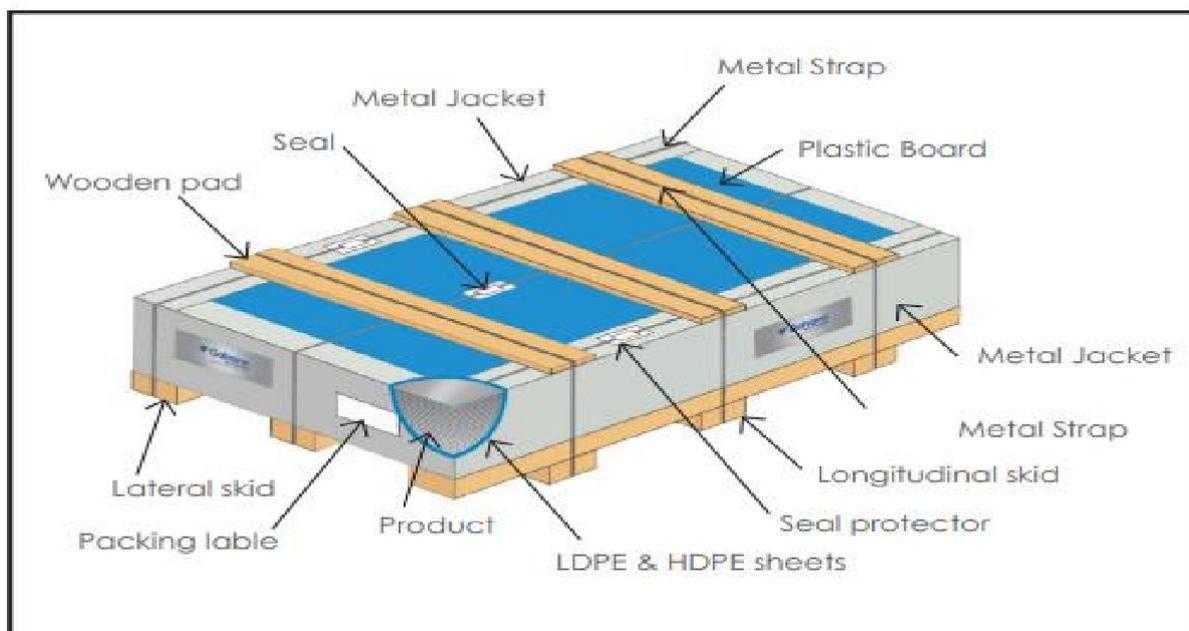
❖ Manufacturing Process:



❖ Features

- High durability
- Resistance to corrosion
- Dimensional accuracy
- Uniformity in sheets thickness
- High impact strength
- Cost effective
- Available in any length

❖ Coating Structure



❖ Applications

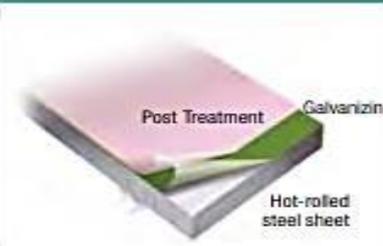
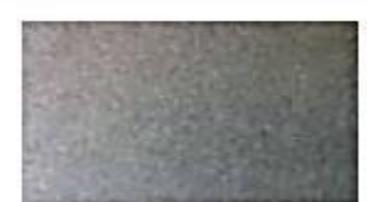
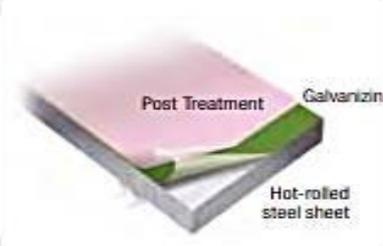
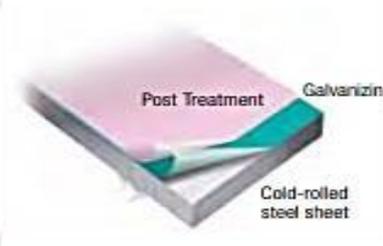
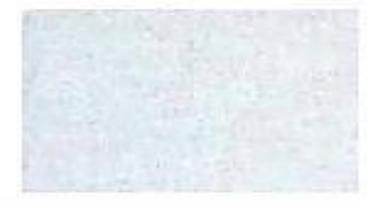
Material	Application
GP	AC ducts, Panelling, door frames, shutters, coolers, storage bins, auto sector, ice box, drums, buckets, tubs, tanks, trunks, tubes etc.
GC	Roofing, Industrial sheds etc.

❖ Available Sizes and Specifications

- Available Size

Rationalised sizes of Galvanised Plain Sheets		
Thickness (mm)	Width (mm)	Length (mm)
0.35, 0.4, 0.45	900, 1000	2500, 3000
0.5, 0.55, 0.6	900, 1000, 1100	2500, 3000
0.63, 0.7, 0.8, 1.0, 1.25, 1.4, 1.6	900, 1000, 1100, 1200, 1220	2500, 3000

- Steel Type

Product	Coating Layer Structure	Characteristics	Appearance
GI(H)		Hot-rolled steel plate is used as base metal for this product. While molten zinc solidifies on the surface of the steel sheet, normal zinc crystallization is suppressed creating fine crystals.	
GI		Cold-rolled steel plate is used as base metal for this product. While molten zinc solidifies on the surface of the steel sheet, normal zinc crystallization is suppressed creating fine crystals. The surface is flat and has a fine appearance after painting. Paintability is superior to ordinary products.	
GA		Through a thermal diffusion process, steel sheet and zinc react to produce an alloy layer. The weldability and the paintability are superior to traditional galvanized steel sheets. Fe in the alloy coating enhances corrosion resistance.	

- Mechanical Properties

Sl. No.	Quality		Yield* Stress Re MPa	Tensile* Strength Rm, MPa
i)	GP	Ordinary	-	-
ii)	GPH	Ordinary-Hard	400, Min.	-
iii)	GC	Corrugated ordinary	-	-
iv)	GPL	Drawing (Lock Forming)	350, Max.	450, Max.

- Bending Properties

Bend Test				
Coating Mass (gsm)	Angle of bend	Steel Grades		
		DQ	DDQ	EDD/IF
80	180°	1†	0†	0†
100	180°	1†	0†	0†
120	180°	1†	0†	0†
140	180°	1†	0†	0†
200	180°	1†	1†	0†
225	180°	1†	1†	0†
275	180°	1†	1†	0†
350	180°	2†	NR	NR
450	180°	3†	NR	NR
600	180°	4†	NR	NR

† = Product thickness

NR = Not Recommended

There shall be no cracking (visible to naked eye) or fracture of the base metal on the outside of the bent portion leaving 7mm from both the edges of the sample. Coarse grain developing at the line of bend shall be disregarded.