

GALVANIZED COILS & SHEETS

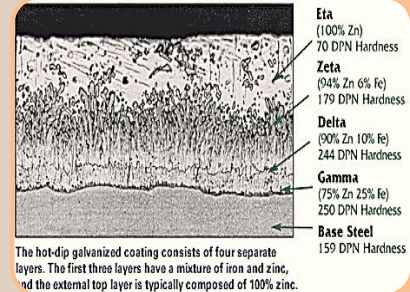
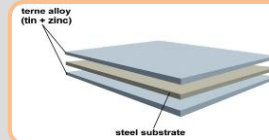
Galvanizing is the practice of coating clean, oxide-free iron or steel with a thin layer of zinc or zinc alloy to protect the surface against corrosion. The zinc coating provides protection to the iron or steel in two ways:

- 1.) It shields the base metal from the atmosphere
- 2.) Because it is more electronegative than iron or steel, the zinc gives cathodic or sacrificial protection. Even if the surface becomes scratched and the base metal is exposed, the zinc is slowly consumed while the iron or steel remains protected from corrosion.

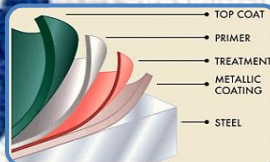
The hot dip process is adaptable to coating nearly all types of fabricated and non-fabricated products such as structural assemblies, hardware chain, hollow wire, pipes and tubes, fittings, tanks, strip and wire cloth.

The Galvanizing Process involves the following steps:

1. Uncoiling, welding of strip ends.
2. To prepare the steel strip surface for zinc coating In furnace for surface cleaning and annealing.
3. Zinc coating by dipping of strip into molten zinc bath.
4. Control of coating thickness (by air knife).
5. Cooling of zinc coated strip.
6. Passivation of zinc coating.
7. Stretch leveling (when required).
8. Skin Passed (when required).
9. Recoiling of strip.



Parameters	Range
Thickness Range (mm)	0.15-15 (Tolerance $\pm 5 \mu$)
Width Range (mm)	750-1250 (Tolerance $\pm 5 \mu$)
Zinc Coating Weight	300 Gms/m ² (Maximum)
Sheet Length (mm)	4,500 (Maximum)
Material Grade	Galvanized HardSoft in CQ, D, DD, EDD
Finish	Skin Passed or Non-Skin Passed
Spangle	Available in spangle or zero spangle
Coil Weights	2 MT (Minimum) - 20 MT (Maximum)



OUR RANGE OF CORRUGATED SHEET

Thickness (mm)	Width (mm)	Length (ft)
0.16 - 0.35	720 - 900	Up to 14 ft (4267 mm)
0.30 - 0.45	760 - 900	
0.50 - 0.80	760 - 1080	

Packet Weights : 2.5 to 5 MT

Spangle Type : Regular Spangle or Zero Spangle

PRODUCT RANGE

Thickness	0.20 mm - 1.6 mm (Tolerance ± 5 Microns)
Width	610 mm - 1250 mm (Tolerance - 0 ± 5 mm)
Coil ID	508 mm
Coil OD	1850 mm (maximum)
Coating Thickness	80 - 325 GSM or as per customer demand
Coil Weight	As per customer requirement up to 20 MT (max) or Packet Weight - up to 5 MT
Sheet Length	As per customer requirements up to 4500 mm
Material Quality	Galvanized Full Hard / Soft in Grade CQ, D, DD, EDD and GPSP
Surface Finish	Glossy finish with uniform Spangle or Skin Pass
Specifications	As per customer requirement
Standards	JIS G 3302 SGCC, SGCD1, SGCD2, SGC340, SGC570