



GALVANISED
PRODUCTS



Galvanised Products

Galvanised Plain Sheets/Coils & Galvanised Corrugated Sheets

Galvanised steel sheets/coils are produced as per IS: 277/2003.

Bokaro Steel Plant

Rationalised sizes of Galvanised Plain Coils

Thickness (mm)	Width (mm)
0.3, 0.35, 0.4, 0.45	900, 1000
0.5, 0.55, 0.6	900, 1000, 1100
0.63, 0.7, 0.8, 1.0, 1.25, 1.4, 1.6	900, 1000, 1100, 1200, 1220

Rationalised sizes of Galvanised Plain Sheets

Thickness (mm)	Width (mm)	Length (mm)
0.3, 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

Width 1250 mm can be supplied on negotiation

Rationalised sizes of Galvanised Corrugated Sheets

Thickness (mm)	Width (mm)	Length (mm)
0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.63, 0.7, 0.8, 1.0, 1.25, 1.4, 1.6	800, 880, 885	2500, 3000, 3600

GP Coil and Sheets in 0.30 (30) can be supplied by mutual agreement

Rourkela Steel Plant

Rationalised sizes of Galvanised Plain Sheets

Thickness (mm)	Width (mm)	Length (mm)
1.25, 1.0, 0.8, 0.63, 0.5	900, 1000	2500
0.4, 0.35	900	2500

Rationalised sizes of Galvanised Corrugated Sheets

Thickness (mm)	Width (mm)	Length (mm)
1.25 (18), 1.00 (20), 0.8 (22), 0.63 (24), 0.50 (26)	810, 910	2500, 3000

GC Sheets in 0.40 (28) and 0.45 (27) can be supplied by mutual agreement

Packet Weight of GP/GC Sheets

Plant	GP sheets	GC sheets
BSL	5 - 11 tonnes	5 -11 tonnes
RSP	3 - 10 tonnes	3 -9 tonnes

Special Coated Products from Bokaro Steel Plant

- (i) Galbo GP coils : Base Material is CRCA Grade 'O' (Sk) which is Skin Passed and stretcher levelled. Sheets will have normal spangles.
- (ii) Galbo MSS GP coils : The base material is same as in (i). Sheets will have virtually no observable spangles.

Various zinc coatings available from BSL and RSP, as per specification IS: 277/2003 (with revision I of 2008) are as follows :

Class of coating	Zinc wt g/m ²	Plant
CL II	450	RSP
CL III	350	RSP
CL IV	275	RSP/ BSL
CL V	220	RSP/ BSL
CL VI	200	RSP/ BSL
CL VII	180	RSP/ BSL
CL VIII	120	RSP/ BSL
CL IX	100	RSP/ BSL
CL X	80	RSP/ BSL

Note : GP/GC sheets from Bokaro Steel Plant are supplied under the Brand Name **“SAIL JYOTI”**.

Applications

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

Plain Galvanized sheets and coils available from BSL, conforming to mechanical properties requirements as per IS 277:2003 (amendment No.4, 2011), are as follows :

Mechanical Properties						
Sl. No.	Quality		Yield Stress, Re, MPa	Tensile Strength Rm, MPa	Elongation Percent A Min.	
	Designation	Name			Lo=80 mm	Lo=50 mm
i)	GP	Ordinary	-	-	-	-
ii)	GPH	Ordinary-Hard	400, Min.	-	-	-
iii)	GC	Corrugated ordinary	-	-	-	-
iv)	GPL	Drawing (Lock Forming)	350, Max.	450, Max.	24	25
v)	GPD*	Deep Drawing	280, Max.	430, Max.	26	27
vi)	GPED*	Extra deep drawing	260, Max.	430, Max.	28	31
vii)	GPIF*	Interstitial Free (Stabilized)	240, Max.	370, Max.	34	36

* Can be supplied after commissioning of New Galvanizing Line in CRM-III