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SAIL JYOTI GP/GC SHEETS



**Longlasting Roofing,
and
Storing Solutions**



There's a little bit of SAIL in everybody's life

SAIL JYOTI GALVANISED PLAIN SHEETS/COILS & CORRUGATED SHEETS

Galvanisation is the process of applying a protective zinc coating to steel, to prevent rusting. Galvanised steel, which has a bright surface finish, is a durable, long-lasting and economic solution for a number of storage, roofing, cooling and other applications of everyday and industrial usage.

SAIL, India's largest and trusted steel maker, produces steel products in this category in the form of galvanised plain (GP) sheets/coils and galvanised corrugated (GC) sheets. These value-added high-performance steel products are tough, sturdy, lightweight, bright and corrosion-resistant. Branded as **SAIL JYOTI**, SAIL GP/GC sheets add value to life in the true sense of the term.

SAIL galvanised products are manufactured at Bokaro Steel Plant and Rourkela Steel Plant with continuously cast Cold Rolled coils as input material which is then zinc-coated. SAIL JYOTI galvanised products conform to IS 513/2016 (O&D grades) and meet the requirements of IS 277/2003. They can also be produced to meet customised needs.

From being used as roofing material for household and industrial sheds to bins for storage of grains, water and other goods, SAIL GP/GC sheets and coils are also popular input material for manufacture of AC ducts, coolers, ice-boxes and even bus/truck bodies.

Environment-friendly and economically viable, SAIL JYOTI GP/GC sheets/coils are available at all company Warehouses and Dealer outlets across the length and breadth of the country.

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

Bokaro Steel Plant

Rationalised sizes of Galvanised Plain Coils

Thickness (mm)	Width (mm)
0.35, 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)
0.35, 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 mutual agreement

Rationalised sizes of Galvanised Corrugated Sheets

Thickness (mm)	Width (mm)	Length (mm)
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	2500, 3000, 360

GP Coil and Sheets in 0.35 mm 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, 3600

Packet Weight of GP/GC Sheets

Plant	GP Sheets	GC Sheets
Bokaro Steel Plant (BSL)	5 - 11 tonnes	5 -11 tonnes
Rourkela Steel Plant (RSP)	3 - 10 tonnes	3 -9 tonnes

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

Mechanical Properties

GP sheets and coils available from BSL, conforming to mechanical properties requirements as per IS 277:2003 are as follows :

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.

* Yield stress, Tensile Strength to be provided with mutual agreement



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.



CONTACT DETAILS

For Commercial Enquiry

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