Corrugated Galvanized Sheet

Corrugated Galvanised Iron (CGI) Sheets
Pressure Steel Sheet, Corrugated Utility Gauge
Galvanized Steel Roof Panel,
Corrugated Metal Roofing Sheets

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

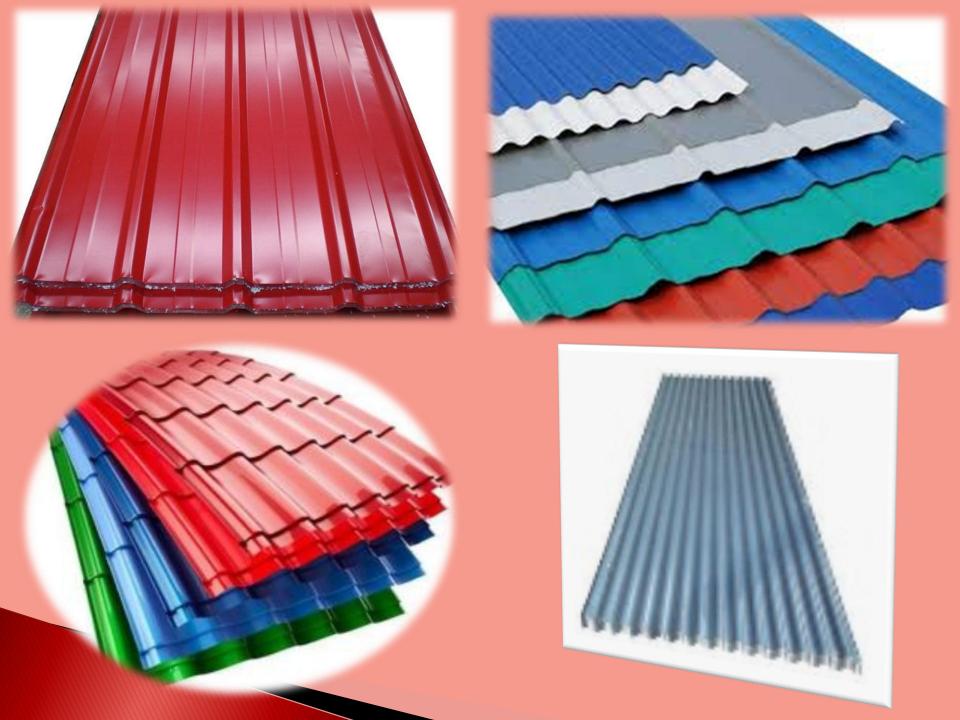
Galvanized Corrugated Sheets are manufactured using best grade steel and is widely applied in construction industry. Galvanized Corrugated Sheets have excellent corrosion resistance, these Sheets have become the most preferred material for various construction purposes, particularly roofing and walling.

The demand for corrugated iron sheet depends mainly on the performance of its end-user (i.e. the construction sector or more specifically the building construction sector). Therefore, the demand for the products under consideration is a derived demand, which depends directly on themperformance of its major end user.



The construction sector of the country has undergone tremendous changes and development in recent years. The contribution of the construction sector to the GDP during the period 2001 - 2010 have been growing at annual average growth rate of 13 percent which is above the average annual growth rate of real GDP during the period under consideration (11.4) %), indicating a rise in the share of the construction sector within the overall economy. Moreover, during the GTP period (2010 - 2015), the construction sector is expected to grow at annual average growth rate of 20%.





Uses and Applications

The corrugated galvanized iron sheets are extensively used in various fields e.g. industries sheds, dairy farm sheds, poultry farm sheds etc. for roofing purpose. In recent years, a lot of multi scale projects have taken up the Indian industry by a storm and these levels have given a larger scope for steel companies. The galvanised plain coils / sheets and corrugated sheets (GP/GC) are value - added steel products which are tough, sturdy, light weight, bright and corrosion resistant.

In India these are produced in the thickness range of 0.15 mm to 2.0 mm and width range of 800 mm to 1560 mm. The function of the zinc layer is mainly three fold: To retain the steel intact with its full initial strength; to provide the surface a more pleasing appearance and to increase the life of any suitable organic finishing system applied over it.



Market Survey

There is always a need for galvanized sheets, rollers, and other varieties of pressed sheets that make up the steel industry. The construction process needless to say remains the same but has new implementations that are adapted from the western counterparts. Steel manufacturers are now in demand for infrastructure and automobile sectors as well, thus widening their scope of development. The recent growth of these newly developed industries has given a new lease of hope to steel developers. This sudden splurge of industrial growth has honed the success of the leading steel companies in India. Roofing industry in India is preparing for the next generation of ambitious projects.



That roofing is an important component of the construction industry is evident from the fact that it accounts for over 25 per cent of the total building construction cost. There are many roofing options in the Indian roofing sector, such as asbestos cement fibre sheets, corrugated galvanised iron sheets. Growth in the infrastructure and industrial segment has been a major demand driver for roof and wall cladding industry. It has registered a double digit growth over past three years and the future of this industry is also looking bright considering the low steel penetration and high demand in construction industry.



Major shift is observed from clay tiles and conventional roofing system to metal cladding solution. Customers are looking for architectural solution which provides innovative shapes such as convex, concave in addition to new attractive colors. The future of roof and wall cladding industry is bright considering the low steel penetration and high demand in construction industry.



Reasons for buying the report:

- This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product
- This report provides vital information on the product like it's characteristics and segmentation
- This report helps you market and place the product correctly by identifying the target customer group of the product



- This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials
- The report provides a glimpse of government regulations applicable on the industry
- The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions



Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report



Scope of the Report

The report titled "Market Survey cum Detailed Techno Economic Feasibility Report on Corrugated Galvanized Sheet" provides an insight into the Corrugated Galvanized Sheet market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Corrugated Galvanized Sheet project. The report assesses the market sizing and growth of the Indian Corrugated Galvanized Sheet Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:



- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Corrugated Galvanized Sheet sector in India along with its business prospects. Through this report we have identified Corrugated Galvanized Sheet project as a lucrative investment avenue.



Few Indian Major Players are as under

- Bharat Berg Ltd.
- National Steel & Agro Inds. Ltd.
- Ram Krishan Kulwant Rai Enterprises Ltd.
- Sipta Coated Steels Ltd. [Erstwhile]



PROJECT AT A GLANCE						(Rs. in lacs)
COST	OF PROJECT		MEANS OF FINANCE				
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development	0.00	10.00	10.00	Canital	0.00	41.26	41.26
Exp.	0.00			Capital	0.00		41.26
Buildings	0.00	63.60	63.60	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	12.38	12.38	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	32.35	32.35	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	123.77	123.77
Preliminary& Pre-operative Exp	0.00	1.00	1.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	1.00	1.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	21.70	21.70				
TOTAL	0.00	165.03	165.03	TOTAL	0.00	165.03	165.03



Year	Annı	nualised Book Debt Value		Debt	Dividend	end Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per	Share	Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	8.06	11.53	18.06	24.00	0.00	100.00	8.06	0.00	8.06	1.00	0.00
2-3	11.95	15.07	30.00	18.00	0.00	100.00	11.95	0.00	11.95	1.00	0.00
3-4	15.76	18.58	45.76	12.00	0.00	100.00	15.76	0.00	15.76	1.00	0.00
4- 5	19.42	21.96	65.18	6.00	0.00	100.00	19.42	0.00	19.42	1.00	0.00
5- 6	22.90	25.20	88.08	0.00	0.00	100.00	22.90	0.00	22.90	1.00	0.00



`	ear/	D. S. C. R.			Debt / – Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	•				Assets Turnover Ratio	Current Ratio	
		Individua I	Cumulativ e	Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
		(Nur	nber of tim	es)	(Number	of times)	%	%	%	%	%		%		
lı	nitial				3.00	3.00									
	1-2	1.59	1.59		1.33	1.33	2.89		10.48%	5.59%	3.62%	221.35	24.11%	3.32	1.14
	2-3	2.05	1.81		0.60	0.60	1.68		11.49%	7.21%	4.60%	258.00	24.09%	3.35	1.36
	3-4	2.59	2.05	2.58	0.26	0.26	1.07		12.18%	8.37%	5.31%	294.86	24.09%	3.22	1.62
	4- 5	3.23	2.31		0.09	0.09	0.73		12.64%	9.19%	5.82%	331.71			1.89
l	5- 6	3.98	2.58		0.00	0.00	0.52		12.95%	9.76%	6.17%	368.56			2.47



BEP	
BEP – Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	56.89%
Total BEP (% of Installed Capacity)	59.47%
	33.1770
IRR, PAYBACK and FACR	
Internal Rate of Return (In %age)	38.51%
Payback Period of the Project is (In Years)	2.814 Years
Fixed Assets Coverage Ratio (No. of times)	18.903



Major Queries/Questions Answered in the Report?

- 1. What is Corrugated Galvanized Sheet industry?
- 2. How has the Corrugated Galvanized Sheet industry performed so far and how will it perform in the coming years?
- 3. What is the Project Feasibility of a Corrugated Galvanized Sheet Plant?
- 4. What are the requirements of Working Capital for setting up a Corrugated Galvanized Sheet plant?



- 5. What is the structure of the Corrugated Galvanized Sheet Business and who are the key/major players?
- 6. What is the total project cost for setting up Corrugated Galvanized Sheet plant?
- 7. What are the operating costs for setting up a Corrugated Galvanized Sheet plant?
- 8. What are the machinery and equipment requirements for setting up a Corrugated Galvanized Sheet plant?



- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Corrugated Galvanized Sheet plant?
- 10. What are the requirements of raw material for setting up a Corrugated Galvanized Sheet plant?
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Corrugated Galvanized Sheet plant?
- 12. What is the Manufacturing Process and Formulations of a Corrugated Galvanized Sheet plant?



- 13. What is the total size of land required for setting up a Corrugated Galvanized Sheet plant?
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- We serve a wide array of customers, from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



Who do we serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- O NRI's
- Foreign Investors
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- O Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- O Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- O Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct



- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- O Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing



- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries



- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- O Organic Farming, Neem Products Etc.



- O Paints, Pigments, Varnish & Lacquer
- O Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- O Power Generation Based Projects & Renewable Energy Based

Projects

- Pharmaceuticals And Drugs
- O Plantations, Farming And Cultivations
- O Plastic Film, Plastic Waste And Plastic Compounds
- O Plastic, PVC, PET, HDPE, LDPE Etc.



- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals



- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- O Water Industry(Packaged Drinking Water & Mineral
- Water)
- O Wire & Cable



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