

Flat Glass –

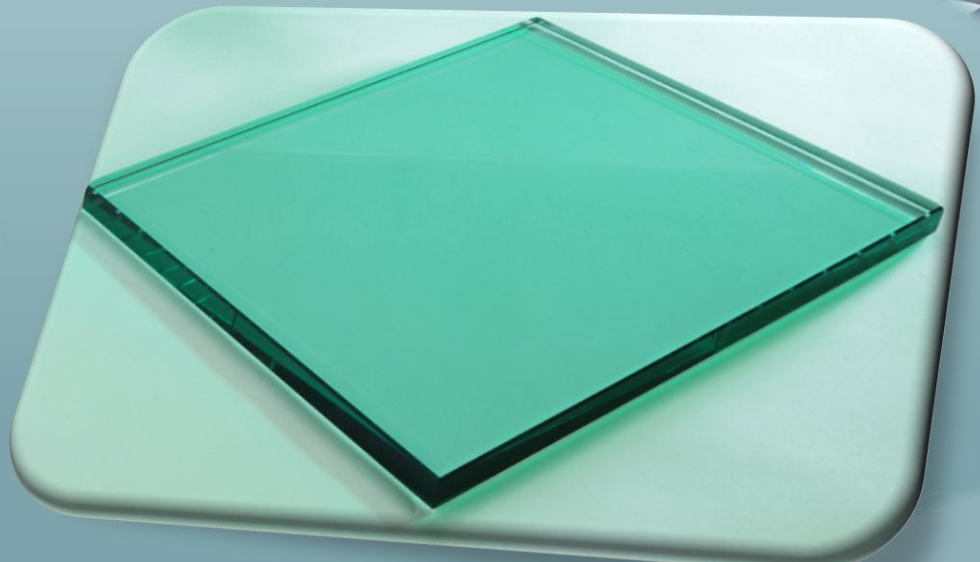
Manufacturing Plant, Detailed Project Report, Profile, Business plan, Industry Trends, Market research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue

Introduction

Glass is the name given to all amorphous bodies that are obtained by lowering the temperature of a melt independently of its chemical composition and the temperature range of solidification, which as a result of the gradual increase of viscosity adopts the mechanical properties of a solid body. Glass is melted at a temperature between 1000 and 2000°C.

Flat glass is the basic material that goes into end products that see through every day. It is used to make windscreens and windows for automobiles and transport, windows and facades for houses and buildings, as well as solar energy equipment like solar thermal panels and photovoltaic modules.





It is also used, in much smaller quantities, for many other applications like interior fittings and decoration, furniture, "street furniture" (e.g. bus stops), appliances and electronics. This material plays a crucial role in modern society. However, due to its unique property, i.e. transparency, it goes unnoticed to the extent that people tend to forget about it and all it brings to their lives. Any entrepreneur venture into this field will be successful.

Few Indian Major Players are as under

- **A I S Glass Solutions Ltd.**
- **Atul Glass Inds. Ltd.**
- **Cherry Fashions Ltd.**
- **Gobind Glass & Inds. Ltd.**
- **Gold Plus Glasses India Ltd.**
- **Gopal Glass Works Ltd.**
- **Gujarat Borosil Ltd.**

- **Haryana Sheet Glass Ltd.**
- **Jai Mata Glass Ltd.**
- **Saint-Gobain India Pvt. Ltd.**
- **Seraikella Glass Works Ltd.**
- **Shree Vallabh Glass Works Ltd.**
- **Triveni Glass Ltd.**

PROJECT AT A GLANCE

PROJECT AT A GLANCE				(` in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	443.00	443.00	Capital	0.00	2275.55	2275.55
Buildings	0.00	987.90	987.90	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	6054.43	6054.43	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	10.00	10.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	452.00	452.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	400.00	400.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	6826.65	6826.65
Preliminary& Pre-operative Exp	0.00	10.00	10.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	605.44	605.44	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	139.42	139.42				
TOTAL	0.00	9102.19	9102.19	TOTAL	0.00	9102.19	9102.19

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	₹	₹	₹	₹	₹	%	₹	%	₹		%
1-2	4.07	9.24	14.07	24.00	0.00	100.00	4.07	0.00	4.07	1.00	0.00
2-3	6.25	10.71	20.32	18.00	0.00	100.00	6.25	0.00	6.25	1.00	0.00
3-4	8.47	12.31	28.79	12.00	0.00	100.00	8.47	0.00	8.47	1.00	0.00
4-5	10.68	14.00	39.46	6.00	0.00	100.00	10.68	0.00	10.68	1.00	0.00
5-6	12.86	15.74	52.33	0.00	0.00	100.00	12.86	0.00	12.86	1.00	0.00



PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individu al	Cumulativ e	Overall					GPM	PBT	PAT	Net Contribu tion	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.35	1.35		1.71	1.71	1.80		38.86%	19.72%	16.86%	4748.61	86.50%	0.64	0.71
2-3	1.55	1.44		0.89	0.89	0.96		45.84%	31.55%	22.21%	5477.20	85.51%	0.73	1.34
3-4	1.80	1.55	1.81	0.42	0.42	0.48		50.59%	39.94%	26.32%	6258.16	85.49%	0.78	2.14
4-5	2.12	1.67		0.15	0.15	0.20		53.90%	46.03%	29.51%	7039.12	85.48%	0.78	3.12
5-6	2.51	1.81		0.00	0.00	0.04		56.21%	50.55%	31.99%	7820.08	85.47%	0.75	15.97



PROJECT AT A GLANCE

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	32.36%
Total BEP (% of Installed Capacity)	40.72%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	22.15%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	1.992



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Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on **Flat Glass**

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *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*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *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*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

Sectors We Cover *Cont...*

- *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*
- *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*
- *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 & Hospitality 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*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

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

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