

Particle Board (Wood Base)

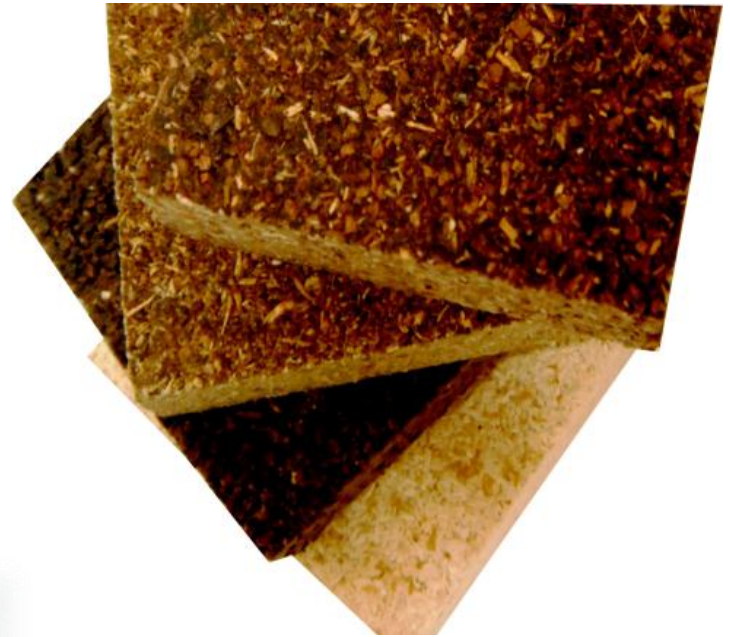
Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, plant layout,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



Introduction

Particle Boards are a relatively new type of engineered wood product that are made from gluing together small chips and saw-dust and firmly pressing them together to make boards or sheet with particle board furniture becoming more commonly available in the market.

Particle boards are engineered wood products that are made from very small particles of wood (such as sawdust and small wood flakes). These wood particles are often the by-products that are obtained while making other types of wood such as plywood or blackboards, and hence particle boards are very cost-effective to make.



The main advantage of particle board over solid wood or plywood is that its cost is very low. Compared to plywood furniture of similar dimensions, particle board furniture costs less than half. This low cost of course comes at a price, because particle boards are not as durable as plywood or solid wood.

Particle boards are much cheaper compared to solid wood, as also cheaper than all the other kinds of engineered woods such as plywood, block boards, MDF (medium density fibre-boards) and HDF (high density fibre-boards). Therefore, it is a good project for entrepreneurs to invest.



Few Indian Major Players are as under

- Archidply Industries Ltd.
- Bajaj Eco-Tec Products Ltd.
- Bajaj Hindusthan Sugar Ltd.
- Century Plyboards (India) Ltd.
- Ecoboard Industries Ltd.
- Feroke Boards Ltd.

- Genus Paper Products Ltd.
- Kitply Industries Ltd.
- Madras Chipboard Ltd.
- N C L Industries Ltd.
- Rushil Decor Ltd.
- Shirdi Industries Ltd.
- Western India Plywoods Ltd.

PROJECT AT A GLANCE

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	90.00	90.00	Capital	0.00	625.49	625.49
Buildings	0.00	286.20	286.20	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	1521.64	1521.64	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	259.00	259.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	75.00	75.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	1876.47	1876.47
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	115.00	115.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	144.13	144.13				
TOTAL	0.00	2501.96	2501.96	TOTAL	0.00	2501.96	2501.96

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividen d	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	5.05	9.97	15.05	24.00	0.00	100.00	5.05	0.00	5.05	1.00	0.00
2-3	7.86	12.11	22.91	18.00	0.00	100.00	7.86	0.00	7.86	1.00	0.00
3-4	10.69	14.36	33.60	12.00	0.00	100.00	10.69	0.00	10.69	1.00	0.00
4-5	13.50	16.67	47.10	6.00	0.00	100.00	13.50	0.00	13.50	1.00	0.00
5-6	16.25	18.99	63.35	0.00	0.00	100.00	16.25	0.00	16.25	1.00	0.00



PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposit s Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individu al	Cumulati ve	Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.43	1.43		1.60	1.60	2.12		17.30%	9.45%	7.37%	2202.08	51.42%	1.49	1.02
2-3	1.71	1.56		0.79	0.79	1.18		20.58%	14.43%	9.84%	2481.31	49.66%	1.63	1.42
3-4	2.06	1.71	2.07	0.36	0.36	0.66		22.85%	17.99%	11.71%	2833.70	49.62%	1.66	1.91
4-5	2.49	1.88		0.13	0.13	0.37		24.45%	20.58%	13.14%	3186.08	49.59%	1.61	2.45
5-6	3.01	2.07		0.00	0.00	0.20		25.59%	22.50%	14.24%	3538.46	49.57%	1.51	4.50



PROJECT AT A GLANCE

BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	49.34%
Total BEP (% of Installed Capacity)	54.19%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	28.11%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	5.805

Major Queries/Questions Answered in the Report?

1. **What is Particle Board (Wood Based) industry?**
2. **How has the Particle Board (Wood Based) industry performed so far and how will it perform in the coming years?**
3. **What is the Project Feasibility of a Particle Board (Wood Based) Plant?**
4. **What are the requirements of Working Capital for setting up an Particle Board (Wood Based) plant?**

- 5. What is the structure of the Particle Board (Wood Based) industry and who are the key/major players?**
- 6. What is the total project cost for setting up an Particle Board (Wood Based) plant?**
- 7. What are the operating costs for setting up an Particle Board (Wood Based) plant?**
- 8. What are the machinery and equipment requirements for setting up an Particle Board (Wood Based) plant?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up an Particle Board (Wood Based) plant?**
- 10. What are the requirements of raw material for setting up an Particle Board (Wood Based) plant?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up an Particle Board (Wood Based) plant?**
- 12. What is the Manufacturing Process and Formulations of an Particle Board (Wood Based) plant?**

- 13. What is the total size of land required for setting up an Particle Board (Wood Based) plant?**
- 14. What will be the income and expenditures for an Particle Board (Wood Based) plant?**
- 15. What are the Projected Balance Sheets of an Particle Board (Wood Based) plant?**
- 16. What are the requirement of utilities and overheads for setting up an Particle Board (Wood Based) plant?**
- 17. What is the Built up Area Requirement and cost for setting up an Particle Board (Wood Based) plant?**

- 18. What are the Personnel (Manpower) Requirements for setting up an Particle Board (Wood Based) plant?**
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- 21. What is the Break-Even Analysis of an Particle Board (Wood Based) plant?**
- 22. What are the Project financials of an Particle Board (Wood Based) plant?**

- 23. What are the Profitability Ratios of an Particle Board (Wood Based) plant?**
- 24. What is the Sensitivity Analysis-Price/Volume of an Particle Board (Wood Based) plant?**
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Who are we?

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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*
- *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*

- *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.*

- *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.*

- *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*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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