

Laminated Particle Board

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

Particle board is defined as a panel product manufactured from lignocellulosic materials, primarily in the form of discrete particles, combined with a synthetic resin or other suitable binder and bonded together under heat and pressure. The primary difference between particle board and other reconstituted wood products, such as wafer board, oriented strand board, medium density fiber board, and hard board, is the material or particles used in its production.



The major types of particles used to manufacture particle board include wood shavings, flakes, wafers, chips, sawdust, strands, slivers, and wood wool. The term particle board sometimes is used generically to include wafer board and oriented strand board, which are manufactured primarily with wood flakes and wafers. However, for the purposes of this report, particle board pertains only to panels manufactured from a mixture of wood particles or otherwise from wood particles other than wafers and flakes.

Particle board provide an ideal base for a wide variety of surface treatments. Apart from clear finishes and paints these include wood veneers, high and low pressure laminates, papers, PVC film and fabrics. Particle board is cheaper, denser and more uniform than conventional wood and plywood and is substituted for them when appearance and strength are less important than cost.

However, particle board can be made more attractive by painting or the use of wood veneers onto surfaces that will be visible. Though it is denser than conventional wood, it is the lightest and weakest type of fiberboard, except for insulation board. Medium-density fiber board and hardboard, also called high-density fiberboard, are stronger and denser than particle board.

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	50.00	50.00	Capital	0.00	126.40	126.40
Buildings	0.00	165.45	165.45	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	167.00	167.00	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	35.00	35.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	10.00	10.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	379.21	379.21
Preliminary& Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	16.00	16.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	52.16	52.16				
TOTAL	0.00	505.61	505.61	TOTAL	0.00	505.61	505.61

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	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	5.36	9.26	15.36	24.00	0.00	100.00	5.36	0.00	5.36	1.00	0.00
2-3	8.37	11.78	23.72	18.00	0.00	100.00	8.37	0.00	8.37	1.00	0.00
3-4	11.35	14.33	35.07	12.00	0.00	100.00	11.35	0.00	11.35	1.00	0.00
4-5	14.24	16.85	49.31	6.00	0.00	100.00	14.24	0.00	14.24	1.00	0.00
5-6	17.00	19.29	66.31	0.00	0.00	100.00	17.00	0.00	17.00	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
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.35	1.35		1.56	1.56	3.10		8.46%	4.22%	2.96%	501.96	21.96%	2.91	1.05
2-3	1.67	1.50		0.76	0.76	1.90		9.62%	6.03%	3.97%	579.38	21.72%	3.09	1.22
3-4	2.06	1.67	2.05	0.34	0.34	1.22		10.41%	7.33%	4.71%	662.00	21.72%	3.11	1.42
4-5	2.51	1.86		0.12	0.12	0.83		10.94%	8.26%	5.25%	744.62	21.72%	3.03	1.65
5-6	3.06	2.05		0.00	0.00	0.58		11.29%	8.91%	5.64%	827.24	21.71%	2.89	2.18



BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	55.32%
Total BEP (% of Installed Capacity)	58.82%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	28.02%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	14.099

Table of Contents of the Project Report

1. PROJECT LOCATION

1.1 City Profile & Geotechnical Site Characterization

1.1.1 General

1.1.2. Culture

1.1.3. Climate & Rainfall

1.1.4. Map

1.1.5. Transportation and Communications

2. INTRODUCTION

3. PRODUCT DESCRIPTION

3.1. Features

4. PRODUCT QUALITY STANDARD

5. APPLICATION

5.1. Clear Finishes

5.2. Furniture Design

6. MARKET SURVEY

7. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

7.1. About Financial Statements of CMIE Database

7.2. Profits & Appropriations

7.3. Total Liabilities

7.4. Total Assets

7.5. Net Cash Flow from Operating Activities

7.6. Section – I

7.6.1. Name of Company with Contact Details

7.6.2. Name of Director(S)

7.6.3. Plant Capacity

7.6.4. Location of Plant

7.6.5. Name of Raw Material (S) Consumed with Quantity & Cost

7.7. Section – II

7.7.1. Assets

7.7.2. Cash Flow

7.7.3. Cost as % of Sales

7.7.4. Forex Transaction

7.7.5. Growth in Assets & Liabilities

7.7.6. Growth in Income & Expenditure

7.7.7. Income & Expenditure

7.7.8. Liabilities

7.7.9. Liquidity Ratios

7.7.10. Profitability Ratio

7.7.11. Profits

7.7.12. Return Ratios

7.7.13. Structure of Assets & Liabilities (%)

7.7.14. Working Capital & Turnover Ratios

- 8. **EXPORT & IMPORT STATISTICS DATA OF INDIA**
 - 8.1. **Export Statistics Data for Laminated Particle Board**
 - 8.2. **Import Statistics Data for Laminated Particle Board**
- 9. **PRESENT MANUFACTURERS**
- 10. **MANUFACTURING PROCESS**
- 11. **PROCESS FLOW DIAGRAM**
- 12. **SUPPLIERS OF PLANT & MACHINERY**
- 13. **SUPPLIERS OF RAW MATERIAL**

14. PRODUCT, MACHINERY & RAW MATERIAL PHOTOGRAPHS

15. PLANT LAYOUT

**16. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS
FROM SUPPLIER**

Project Financials

- **Project at a Glance** **Annexure**
 - Assumptions for Profitability workings1
 - Plant Economics.....2
 - Production Schedule.....3
 - Land & Building.....4
- Factory Land & Building**
Site Development Expenses

- **Plant & Machinery.....5**
 - Indigenous Machineries**
 - Other Machineries (Miscellaneous, Laboratory etc.)**

- **Other Fixed Assets.....6**
 - Furniture & Fixtures**
 - Pre-operative and Preliminary Expenses**
 - Technical Knowhow**
 - Provision of Contingencies**

- **Working Capital Requirement Per Month.....7**
 - Raw Material**
 - Packing Material**
 - Lab & ETP Chemical Cost**
 - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)**
 - Royalty and Other Charges**
 - Selling and Distribution Expenses**
- **Salary and Wages9**
- **Turnover Per Annum10**
- **Share Capital.....11**
 - Equity Capital**
 - Preference Share Capital**

- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**

- **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

- **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

- **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

• Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P

• **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**

- **Equity Capital**

- **Preference Share Capital**

- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- **Determined Capacity P.A of Products/Services**

- **Achievable Efficiency/Yield % of Products/Services/Items**

- **Net Usable Load/Capacity of Products/Services/Items**

- **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21 :: Employees Expenses**
- **Annexure 22 :: Fuel Expenses**
- **Annexure 23 :: Power/Electricity Expenses**
- **Annexure 24 :: Royalty & Other Charges**
- **Annexure 25 :: Repairs & Maintenance Expenses**
- **Annexure 26 :: Other Manufacturing Expenses**
- **Annexure 27 :: Administration Expenses**
- **Annexure 28 :: Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

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- *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?

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- *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*

- *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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