

Vitrified Floor Tiles

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

Vitrified tile is a tile which has been processed in such a way that it has very low porosity (and water absorption) which make it stain resistant and very strong. Vitrified Tiles have far superior properties compared to marble or natural granite because being a manufactured product; their quality is controlled whereas in naturally occurring marble and granite good quality is just a coincidence. Vitrified tiles possess much better mechanical strength, scratch resistance, resistance to acids, alkalies and chemicals, resistance to staining etc compared to marble or natural granite. Vitrified tiles have the colour right through the tile not just on the surface.

They are usually not as brittle as plain ceramic tiles and can withstand heat better. Vitrified tile is a tile produced using vitrification. By this process the tiles created have very low porosity. Making it stain-resistant and strong. It is an alternative to marble and granite flooring. The main product segments are the Wall tile, Floor tile, Vittrified tile and Porcelain tile segments. The market shares are 35%, 53% and 12% respectively for Wall, Floor & Vittrified/Porcelain tiles. The tiles are available in a wide variety of designs, textures and surface effects.

Few Indian Major Players are as under

- Ajanta Manufacturing Ltd.
- Asian Granito India Ltd.
- Decolight Ceramics Ltd.
- Euro Ceramics Ltd.

- Euro Merchandise (India) Ltd.
- Italia Ceramics Ltd.
- Jagdamba Contractors & Builders Ltd.
- M B Industries Ltd.
- Nitco 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	70.00	70.00	Capital	0.00	1467.00	1467.00
Buildings	0.00	1197.20	1197.20	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	4133.00	4133.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	20.00	20.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	228.00	228.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	50.00	50.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	4401.01	4401.01
Preliminary & Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	40.00	40.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	124.81	124.81				
TOTAL	0.00	5868.01	5868.01	TOTAL	0.00	5868.01	5868.01



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	4.47	9.77	14.47	24.00	0.00	100.00	4.47	0.00	4.47	1.00	0.00
2-3	6.86	11.42	21.33	18.00	0.00	100.00	6.86	0.00	6.86	1.00	0.00
3-4	9.27	13.19	30.60	12.00	0.00	100.00	9.27	0.00	9.27	1.00	0.00
4-5	11.65	15.03	42.25	6.00	0.00	100.00	11.65	0.00	11.65	1.00	0.00
5-6	13.99	16.90	56.24	0.00	0.00	100.00	13.99	0.00	13.99	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	1.40	1.40		1.66	1.66	1.83		28.71%	16.04%	13.25%	3551.79	71.75%	0.83	0.84
2-3	1.63	1.51		0.84	0.84	0.98		34.35%	25.03%	17.43%	4119.25	71.33%	0.94	1.45
3-4	1.91	1.63	1.92	0.39	0.39	0.50		38.17%	31.38%	20.60%	4707.13	71.32%	0.99	2.21
4-5	2.26	1.77		0.14	0.14	0.23		40.81%	35.96%	23.02%	5295.01	71.31%	0.98	3.10
5-6	2.69	1.92		0.00	0.00	0.07		42.61%	39.31%	24.88%	5882.89	71.31%	0.94	10.25



PROJECT AT A GLANCE

BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	37.54%
Total BEP (% of Installed Capacity)	44.80%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	24.74%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	2.763



Major Queries/Questions Answered in the Report?

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

5. What is the structure of the Vitrified Floor Tiles industry and who are the key/major players?
6. What is the total project cost for setting up a Vitrified Floor Tiles plant?
7. What are the operating costs for setting up a Vitrified Floor Tiles plant?
8. What are the machinery and equipment requirements for setting up a Vitrified Floor Tiles plant?

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

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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*



Sectors We Cover *Cont...*

- *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*



Sectors We Cover *Cont...*

- *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*



Sectors We Cover *Cont...*

- *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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