Vitrified Floor Tiles

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, Vitrified tile and Porcelain tile segments. The market shares are 35%, 53% and 12% respectively for Wall, Floor & Vitrified/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.
### Cost of Project

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Land &amp; Site Development Exp.</td>
<td>0.00</td>
<td>70.00</td>
<td>70.00</td>
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<tr>
<td>Buildings</td>
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<td>1197.20</td>
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<tr>
<td>Plant &amp; Machineries</td>
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<td>4133.00</td>
<td>4133.00</td>
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<tr>
<td>Motor Vehicles</td>
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<td>Technical Knowhow Fees &amp; Exp.</td>
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<td>Provision for Contingencies</td>
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### Means of Finance

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## PROJECT AT A GLANCE

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<th>Year</th>
<th>D. S. C. R.</th>
<th>Debt / Deposits Debt</th>
<th>Equity as-Equity</th>
<th>Total Net Worth</th>
<th>Return on Net Worth</th>
<th>Profitability Ratio</th>
<th>Assets Turnover Ratio</th>
<th>Current Ratio</th>
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<td>Cumulative</td>
<td>Overall</td>
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<td></td>
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<td></td>
<td>(Number of times)</td>
<td>(Number of times)</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
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<td>1.51</td>
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<td>25.03%</td>
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<td>1.91</td>
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<td>0.50</td>
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<td>3-4</td>
<td>2.26</td>
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<td>0.07</td>
<td>42.61%</td>
<td>39.31%</td>
<td>24.88%</td>
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</tbody>
</table>
## PROJECT AT A GLANCE

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>BEP</strong></td>
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<tr>
<td><strong>BEP - Maximum Utilisation Year</strong></td>
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<tr>
<td><strong>Cash BEP (% of Installed Capacity)</strong></td>
<td>37.54%</td>
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<tr>
<td><strong>Total BEP (% of Installed Capacity)</strong></td>
<td>44.80%</td>
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<tr>
<td><strong>IRR, PAYBACK and FACR</strong></td>
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<tr>
<td><strong>Internal Rate of Return .. ( In %age )</strong></td>
<td>24.74%</td>
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<tr>
<td><strong>Payback Period of the Project is ( In Years )</strong></td>
<td>2 Years 4 Months</td>
</tr>
<tr>
<td><strong>Fixed Assets Coverage Ratio ( No. of times )</strong></td>
<td>2.763</td>
</tr>
</tbody>
</table>
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?
13. What is the total size of land required for setting up a Vitrified Floor Tiles plant?

14. What will be the income and expenditures for a Vitrified Floor Tiles Business?

15. What are the Projected Balance Sheets of a Vitrified Floor Tiles plant?

16. What are the requirement of utilities and overheads for setting up a Vitrified Floor Tiles plant?

17. What is the Built up Area Requirement and cost for setting up a Vitrified Floor Tiles Business?
18. What are the Personnel (Manpower) Requirements for setting up a Vitrified Floor Tiles Business?
19. What are Statistics of Import & Export for Vitrified Floor Tiles?
20. What is the time required to break-even?
21. What is the Break-Even Analysis of a Vitrified Floor Tiles plant?
22. What are the Project financials of a Vitrified Floor Tiles Business?
23. What are the Profitability Ratios of a Vitrified Floor Tiles plant?

24. What is the Sensitivity Analysis-Price/Volume of a Vitrified Floor Tiles plant?

25. What are the Projected Pay-Back Period and IRR of a Vitrified Floor Tiles plant?

26. What is the Process Flow Sheet Diagram of a Vitrified Floor Tiles plant?

27. What are the Market Opportunities for setting up a Vitrified Floor Tiles plant?
28. What is the Market Study and Assessment for setting up a Vitrified Floor Tiles plant?

29. What is the Plant Layout for setting up a Vitrified Floor Tiles plant?
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1.1.7. Economy

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3. Uses

4. Properties
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   4.2. Superiority of Vitrified Tiles over Ceramic Tiles:
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5.2. Ceramic Tiles
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5.4. Leading Brands
5.5. Better Demand, Price
5.6. Trading Trims Margins
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6.2. Profits & Appropriations
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6.4. Total Assets
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   6.6.2. Name Of Director(S)
   6.6.3. Plant Capacity
   6.6.4. Location Of Plant
   6.6.5. Name Of Raw Material(S) Consumed With Quantity & Cost

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   6.7.2. Cash Flow
   6.7.3. Cost As % Ge Of Sales
6.7.4. Forex Transaction
6.7.5. Growth In Assets & Liabilities
6.7.6. Growth In Income & Expenditure
6.7.7. Income & Expenditure
6.7.8. Liabilities
6.7.9. Liquidity Ratios
6.7.10. Profitability Ratio
6.7.11. Profits
6.7.12. Return Ratios
6.7.13. Structure Of Assets & Liabilities (%)
6.7.14. Working Capital & Turnover Ratios

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   7.2. Import Statistics Data on Vitrified Tile

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9. Raw Material

10. Manufacturing Process

11. Latest Manufacturing Technology

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14. Suppliers of Plant & Machinery

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   15.1. Complete Plant Photographs
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• Plant & Machinery.................................................................5
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    Preference Share Capital
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- Expenses/Cost of Products/Services/Items
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- Financial Charges
- Total Cost of Sales
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- B.E.P
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• Annexure 17 :: Total Lab & ETP Chemical Cost
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• Annexure 20 :: Packing Material Cost Per Unit
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Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Vitrified Floor Tiles

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- 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

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- 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

- 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 

- 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

- 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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106-E, Kamla Nagar, New Delhi-110007, India.

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