



START

Tiles Adhesive

(Polymer Modified Cementatious)

MANUFACTURING BUSINESS

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Introduction



From decorative tiling of floors and walls to wall coverings, tiles adhesives can be used for a variety of applications. They are primarily made up of cement as well as polymer resins that provide strength and flexibility. These are low volatile organic compounds (VOCs) formaldehyde free water borne adhesives that are very popular in industry due to their performance..



...on ceramic tile floors and walls, marble, travertine, terrazzo tile and counter tops. Most modern day tiling is done with polymer modified cementitious adhesives because they allow builders to stick larger pieces together without worrying about them coming apart. When dealing with extremely large scale projects where cost cutting is involved, these adhesives help cut costs without having to sacrifice safety.





In addition to sticking large tile pieces together, some manufacturers also use these types of adhesives when installing vinyl flooring and other materials since they also reduce warping due to moisture exposure over time. Many companies prefer using polymer modified cementsiticious adhesive instead of rubber ones because it tends to create stronger bonds.





Its chemical properties not only adhere better but it also contributes to resisting cracking as well, making it ideal for showers and tub surrounds too. A third benefit of these adhesives over standard masonry cements are its attributes including its non-toxic nature and ability to dry faster than traditional liquid acrylic products.

Related Feasibility Study Reports: <u>Adhesives and Sealants, Industrial</u>
Adhesives





What are the steps in Polymer Modified Cementatious

Tiles Adhesive Production?





Production of polymer modified cementatious tiles adhesive includes:

Step 1: Raw materials selection,

Step 2: Mixing raw materials,

Step 3: Powder feeding system.





The process of manufacture is defined by continuous flow production, which requires continuous raw material supply and fluidization. Continuous flow production takes place in two steps - at first a portion of powder is picked up and then fed into an atomizer where it is suspended in air while particles are being beaten. Thereafter another part of powder goes through fluidizer for dispersion and blending.





Finally, mix produced is transported along with proper quantity of water to tank for liquid mixing with pelleting system incorporated. It has been observed that efficiency of fluidized bed depends upon efficient electrical equipment like agitator, blower etc., without which it may fail at times.

> Read Similar Articles: Adhesives and Sealants







Sometimes compactors are also used in order to produce a particular size of pellets. This polymer modified cementatious tiles adhesive is ready for use as a cement admixture for preparation of concrete mixtures or precast concrete elements (fibre reinforced plastic products) containing either glass or mineral wool reinforcement.



Uses



Polymer modified cementatious tiles adhesive is used in outdoor and indoor floor construction. It is an adhesive that bonds all types of concrete, stone, brick and marble. This product can be used as a crack filler due to its quick drying characteristics.



In addition, it can be used as a mortar replacement in vertical tile installations because of its water proofing properties. The benefits of using polymer modified cementatious tiles adhesive are: cost effective when compared to other adhesives, waterproof, easy application (no special tools required), durability, flexibility, impact resistance and resists extreme temperatures (-30°C/+60°C).

> Read our Books Here: <u>Gums, Adhesives & Sealants Technology (With</u> <u>Formulae)</u>



Benefits of Starting

Tiles Adhesive Manufacturing

Business



On account of demand, it is a new industry in India. Its demand is growing at a high rate due to increased use by various industries including construction, infrastructure and real estate. There is an untapped market for tiles adhesive that can be exploited by new entrepreneurs. It requires less investments as compared to normal cement business and have better profit margins.

> Related Project Report: Polymer Modified Cementitious Tile Adhesives



Trained manpower and manufacturing equipment availability makes it easy for entrepreneurs to set up their units in record time which will lead to a faster growth rate. Mini-plants or small scale plants are available as well with cost effective price range and hence also helps entrepreneurs to start their own tile adhesive business in lesser investment.

> Visit this Page for More Information: Start a Business in Adhesives and Sealants Industry



Market Outlook



The Tile Adhesive Market is predicted to expand at a rate of roughly 8% per year. Demand for quick-fix adhesives and long-lasting tile glue is continuing to grow. Furthermore, increased awareness of the benefits of titles adhesive, such as its durability and time-saving factor due to its quick mixing ability, is driving demand for tiles adhesive.

In recent years, as a huge number of people have begun to migrate from rural to urban regions in pursuit of jobs, the use of sophisticated adhesives in the construction of residences and commercial structures has expanded in developing countries.



As a result, the real estate market has grown, as has the usage of tile adhesives in the construction of homes and businesses.

Furthermore, because today's consumers seek a more stylish and appealing interior in their homes, tiles adhesive is critical in ensuring the tiles' long-term resilience and endurance.

> Watch other Informative Videos: <u>Adhesives and Sealants, Industrial Adhesives, Glues, Gums</u> and <u>Binders, Synthetic Resin, Resins (Guar Gum, Adhesive [Fevicol Type], Hot Melt</u> <u>Adhesives)</u>

Asia Pacific Tiles Adhesive Market Outlook



The largest market for tile adhesive is Asia Pacific. More than 40% of the global tile adhesive market is accounted for by the Asia Pacific region. Demand in Asia Pacific is expected to develop fast during the estimated period as the number of operations in the end-use industry grows (2021-2031). The tile adhesive industry in Asia Pacific is dominated by China and India.



The number of small and large-scale commercial construction projects has increased as international firms expand their investment in India's information and technology industries, resulting in an increase in the use of tiles adhesive.

Aside from that, the Indian government has created the Make in India initiative to support the local chemical sector by granting tax relief for infrastructure improvements as well as tax incentives for R&D projects. These are the elements that are propelling the tiles adhesive market in India.



Major Queries/Questions Answered in the Report?

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



- 5. What is the structure of the Tiles Adhesive Manufacturing Business and who are the key/major players?
- 6. What is the total project cost for setting up Tiles Adhesive Manufacturing Business?
- 7. What are the operating costs for setting up Tiles Adhesive Manufacturing plant?
- 8. What are the machinery and equipment requirements for setting up Tiles Adhesive Manufacturing plant?



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



- 13. What is the total size of land required for setting up Tiles Adhesive Manufacturing plant?
- 14. What will be the income and expenditures for Tiles Adhesive Manufacturing Business?
- 15. What are the Projected Balance Sheets of Tiles Adhesive Manufacturing plant?
- 16. What are the requirement of utilities and overheads for setting up Tiles Adhesive Manufacturing plant?
- 17. What is the Built up Area Requirement and cost for setting up Tiles Adhesive Manufacturing Business?



- 18. What are the Personnel (Manpower) Requirements for setting up Tiles Adhesive Manufacturing Business?
- 19. What are Statistics of Import & Export for Tiles Adhesive?
- 20. What is the time required to break-even of Tiles Adhesive Manufacturing Business?
- 21. What is the Break-Even Analysis of Tiles Adhesive Manufacturing plant?
- 22. What are the Project financials of Tiles Adhesive Manufacturing Business?



- 23. What are the Profitability Ratios of Tiles Adhesive Manufacturing Project?
- 24. What is the Sensitivity Analysis-Price/Volume of Tiles Adhesive Manufacturing plant?
- 25. What are the Projected Pay-Back Period and IRR of Tiles Adhesive Manufacturing plant?
- 26. What is the Process Flow Sheet Diagram of Tiles Adhesive Manufacturing project?



- 27. What are the Market Opportunities for setting up Tiles Adhesive Manufacturing plant?
- 28. What is the Market Study and Assessment for setting up Tiles Adhesive Manufacturing Business?
- 29. What is the Plant Layout for setting up Tiles Adhesive Manufacturing Business?





#DetailedProjectReport #BusinessIdeas #StartupBusinessIdea

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#ProjectReport #Startup #BusinessOpportunity #BusinessPlan

#Business #TilesAdhesive #AdhesiveManufacturing

#AdhesiveProduction #constructionchemicals

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> INTRODUCTION



- Project Introduction
- Project Objective and Strategy
- Concise History of the Product
- Properties
- BIS (Bureau of Indian Standards) Provision & Specification
- Uses & Applications

> INDIAN MARKET STUDY AND ASSESSMENT

- Current Indian Market Scenario
- Present Market Demand and Supply
- Estimated Future Market Demand and Forecast
- Statistics of Import & Export
- Names & Addresses of Existing Units (Present Players)
- Market Opportunity



> RAW MATERIAL

- List of Raw Materials
- Properties of Raw Materials
- Prescribed Quality of Raw Materials
- List of Suppliers and Manufacturers

> PERSONNEL (MANPOWER) REQUIREMENTS

 Requirement of Staff & Labor (Skilled and Unskilled) Managerial, Technical, Office Staff and Marketing Personnel

> PLANT AND MACHINERY

(npcs)

- List of Plant & Machinery
- Miscellaneous Items
- Appliances & Equipments
- Laboratory Equipments & Accessories
- Electrification
- Electric Load & Water
- Maintenance Cost
- Sources of Plant & Machinery (Suppliers and Manufacturers)

> MANUFACTURING PROCESS AND FORMULATIONS

- Process of Manufacture with Formulation
- Packaging Required
- Process Flow Sheet Diagram



> INFRASTRUCTURE AND UTILITIES

- Project Location
- Requirement of Land Area
- Rates of the Land
- Built Up Area
- Construction Schedule
- Plant Layout and Requirement of Utilities

Along with project financials, as under:



Project Financials

Project at a Glance Annexure

•	Assumptions	or Profitability	y workings	1
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- Plant Economics......2
- Production Schedule......3
- Land & Building.....4

Factory Land & Building
Site Development Expenses



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

- - Technical Knowhow
 Provision of Contingencies

Packing Material
Lab & ETP Chemical Cost

Canarable Store

Consumable Store



- 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



• <i>F</i>	Annexure 1	4	• •	Product	wise I	Domestic	Sales	Realisation
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- 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



For more Projects and further details, visit at:

Project Reports & Profiles

BOOKS & DATABASES

Market Research Report

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Best Industry for Doing Business, Click Here



Business Ideas with Low, Medium & High Investment, Click Here



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Reasons



- ✓ The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product
- ✓ This report provides vital information on the product like it's characteristics and segmentation
- ✓ This report helps you market and place the product correctly
 by identifying the target customer group of the product



- ✓ This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials
- ✓ The report provides a glimpse of government regulations applicable on the industry
- ✓ The report provides forecasts of key parameters which helps anticipate the industry performance and make sound business decisions







- Our research reports broadly cover Indian markets, present analysis,
 outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report



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Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....Read more



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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as 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, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....Read more

Who are we?



A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.

What do we offer?



- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
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- 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



Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- o NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Sectors We Cover



- o Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- o 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
- o 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

Sectors We Cover cont...



- Dairy/Milk Processing
- o Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- o Essential Oils, Oils & Fats And Allied
- o 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 & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- o Inks, Stationery And Export Industries
- Infrastructure Projects
- Jute & Jute Based Products

Sectors We Cover Cont...



- 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
- o Organic Farming, Neem Products Etc.
- o Paints, Pigments, Varnish & Lacquer
- o Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- o Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- o Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- o 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
- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

Objective



- To get a detailed scenario of the industry along with its structure and classification
- To provide a comprehensive analysis of the industry by covering aspects like:
 - Growth drivers of the industry
 - Latest market trends
 - Insights on regulatory framework
 - SWOT Analysis
 - Demand-Supply Situation
 - Foreign Trade
 - Porters 5 Forces Analysis
- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
 - Key players with their market shares
 - Financial comparison of present players





- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

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Data Sources







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research veterans with decades of experience

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