



- WALL PUTTY
- ROAD MARKING PAINTS
- PAINTS AND COATINGS
- TILE ADHESIVES
- PLASTERS AND RENDERS
- GROUTS
- WATERPROOFING AIDS
- PLASTICIZERS & ADMIXTURES
- FLOORING/LEVELING COMPOUNDS
- GROUTS

## SERVICES PROVIDED

BASIC & DETAILED ENGINEERING • EQUIPMENT SUPPLY • ERECTION & COMMISSIONING • KNOW HOW  
& FORMULATIONS • RAW MATERIAL SOURCING • LAB SET UP • MANPOWER RECRUITMENT



**SKID MOUNTED PLANT**  
(5MT TO 20 MT/DAY)



**WALL PUTTY PLANT**  
(5 MT TO 25 MT / HR)

Frigmaires offers complete Plant & Technology for the production of Wall Putty, Dry Mortars and Construction Chemicals. We have been in this field since 1990 with a wide exposure to the latest formulations and technology available. Our plants have been installed in India and in several countries overseas. Our dedicated team of engineers work closely with our customers to ensure that the entire process of setting up the plant is made simple & hassle free. We offer know how & formulations to manufacture Wall Putty, Plasters, Tile Adhesives, Repair Mortars, Leveling Compounds, Skim Coats, Grouts and Super Plasticizers. Apart from training your chemist, we also provide technical and commercial support for a period of 12 months from date of commissioning the plant. **PLANT CAPACITY: 5 MT - 100 MT/DAY**



**HORIZONTAL PLANT**  
(5 MT TO 25 MT / HR)



**PLASTICIZERS & ADMIXTURE MANUFACTURING PLANT**  
(5,000 TO 50,000 LTRS / DAY)

### CLIENTS





Frigmaires offers complete plants for the manufacture of Decorative, Industrial and Marine paints. The plants designed and offered by us are based on 30 years of experience that we have in this field. The entire process of temperature control, liquid, solid and additive dosing can be automated using PLCs and SCADA or manual depending on the budget and requirements of the customer. We are one of the few companies that offer in house pilot plant testing facilities.

**The capacity of the plants ranges as small as 1,000 Ltrs/ day up to 20,000 Ltrs/day.**

### THERMOSETTING ROAD MARKING PAINTS

Demand for Thermosetting Road marking paints are to increase significantly to match up to the huge infrastructure projects planned by the government. Frigmaires offers the latest technology for the manufacture of these paints that meet M.O.S.T, ASTM AND BS specifications. The plants offered are semi-automatic consisting of weighing, batching, mixing and filling. Highly efficient mixers and batching systems are provided to ensure that the product is thoroughly blended and consistent in quality from batch to batch.

**Capacity of the plants offered range from a minimum 3 MT to 50 MT/ Day.**



### ALKYD RESINS & EMULSIONS PLANTS

The per capita consumption of paint in India is amongst the lowest in the world. With increasing consumption the demand for binders used in the manufacture of Paints such as **Alkyds and Emulsions** is to see an exponential growth in the next 5 years. We offer complete know how, plant and technology to produce various binders used in the production of paints. The entire process of reaction, temperature control, liquid, solid and additive dosing can be automated using PLCs

and SCADA or manual depending on the budget and requirements of the customer.

These plants are manufactured in house at our plant located at Khopoli. The entire plant is assembled at our site and can be skid mounted ready to operate at customer's site.

**Capacity of the plants offered range from a minimum 1 MT to 50 MT/ Day.**

### HIGH SPEED DISPERSER

Frigmaires high speed dispersers are available to process water and solvent based paints. For higher capacity mixers we offer tailor made platform mounted dispersers mounted on load cells. The dispersers are offered with smart variable speed logic controls and are available in explosion proof construction as well.

**Capacity's range from 500 Ltrs up to 10,000 Ltrs/ batch**





## BASKET MILL

Basket mills are used where milling and dispersing is required in a single operation thus eliminating the use of a separate milling machine. These mills are chosen for its flexibility to process small batches and varying shades of water or solvent based paints up to 1500 Ltrs. For higher capacity mixers we recommend a combination of a HSD with a Media mill. The Basket Mills are offered with smart variable speed logic controls and are available in explosion proof construction as well.

## ATTRITOR

Attritors are the modern day workhorses replacing ball mills in many applications. These are basically vertical media mills used to process primers mainly as well as special purpose paints. Attritors are 10 times faster than conventional ball mills and far simple to operate. Other advantages are: No premixing, Low on maintenance, Compact design, Rugged construction and Attritors are offered with smart variable speed logic controls and are available in explosion proof construction as well.

**Capacity's range from 25 ltrs up to 5,000 Ltrs/Batch**



## HORIZONTAL SAND MILLS



Pressurized media mills commonly also known as Horizontal sand mills are used for micro fine grinding of high quality decorative and industrial paints. The particle size achievable on these mills can be as fine as 1 micron depending on various factors. These mills are used in conjunction with high speed pre mixers to produce feed batches for the mill. Our mills are offered in various configurations of impeller and separator designs depending on the product and process conditions. Horizontal mills are offered with smart variable speed logic controls and are available in explosion proof construction as well.

**Capacity's range from 5 Ltrs up to 100 Ltrs chamber size.**

## TWIN SHAFT DISPERSERS

Twin shaft mixers are used for process of highly viscous coatings such as Texture and Distemper paints. They are also used for production of Adhesives and stiff putties such as Polyester Putties used for surface preparation. Twin shaft mixers are highly efficient and can be operated under vacuum as well. We also offer mixers with discharge systems using heavy duty Screw pumps or a Bale Out Press. All TSDs are offered with smart variable speed logic controls and are available in explosion proof construction as well.

**Capacity's range from 200 Ltrs up to 10,000 Ltrs/Batch.**



## MIXERS

Frigmaires offers a wide range of Wet and Dry mixers used for the production of viscous coatings or dry powders. We offer conventional type Ribbon and Pug mixers as well as high speed Plough mixers provided with choppers. The mixers can be provided with automatic charging, discharging and packing lines.

**Mixers are offered ranging from 500 Kgs to 10,000 kgs capacity**

