



**STANROSE - APEX**  
STANROSE ENVIROTECH INDIA PVT. LTD.

## Complete Clean Room Solution For Pharmaceuticals



### EPOXY COATING



#### Manufacturing materials for

- Epoxy / PU Flooring
- PU Wall Coating
- Heat Reflective Coating
- Waterproofing Compounds
- Anti-Corrosive Coating
- Chemical Resistant Linings
- Turnkey Clean Room Solutions  
( HVAC, Modular Puff Panels, Puff Ceiling, Flush Doors & Window )

**Enriching Your Flair through Innovation**

## **ABOUT OUR GROUP**

STANROSE Envirotech India Pvt Ltd was founded in 2006 under guidance of our USA Realestate Group Company with the primary goal of providing a true, commercial-grade of high performance epoxy floor coating system. STANROSE - APEX is committed to fulfil the customer's need by manufacturing the state of the art products in the fields of Epoxy & Polyurethane flooring, PU wall coating and high end epoxy structural coating. These products are extensively used in different construction projects, industries, commercial complexes, etc. All our products are an epitome of quality and effectiveness.

## **OUR MISSION**

Our Company Mission Is To Understand Customer's Need & Provide True, Commercial-Grade Floor Coating Systems To Have The Same Durable, Professionals Quality Floor Coating At A Fraction Of The Cost. Our Goal Is To Provide You With The Proper Solutions With Unerring Quality & Cost Competency By Adopting Complete Honesty & Dignity In All Our Dealings.

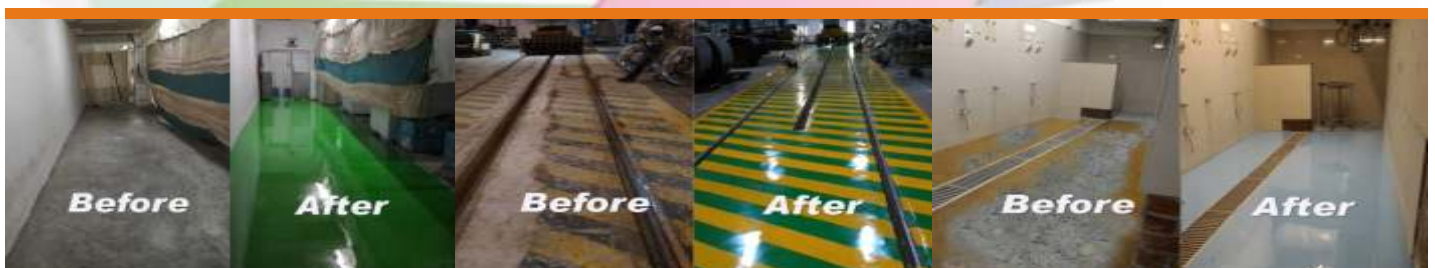
## **SALIENT FEATURES & ADVANTAGES**

- ☐ Totally Nonporous , Seamless & Joint-less Surface doesn't allow Oil, Grease, Chemical, Water, Dirt, etc. to seepage into the Concrete Gaps.
- ☐ It's Hygienic, Anti-bacterial & Chemical Resising.
- ☐ Gives a wonderful smooth aesthetic look.tance Floor Coat
- ☐ Easily cleanable Flooring.
- ☐ Resistance to High Impact, Static Load, Dynamic Load and Abrasion.
- ☐ Reduces long term Maintenance Cost due to Easily Repairable Floor.
- ☐ Increases Productivity of the Workmen due to Clean Environment.
- ☐ Custom Build Design to achieve their 100% satisfaction.
- ☐ In-house Facility to set Colour Pigments and Hardeners, which has been set under guidance of USA Group Company.
- ☐ R&D setup to keep always ahead in Polymer Science and Technology to Upgrade our Quality.
- ☐ A Team of Well Trained Skilled Technical Staff to Executes Small & Mega Projects with Best Quality.

### **Quality Standards & Certificate**

- \* ISO 9001:2008 certification -  
Quality Management System
- \* ISO 14001 : 2004 certification -  
Environmental Management System
- \* NSIC - National Small Industrial Corporation
- \* NTH - National Test House certification

Flooring Layers:

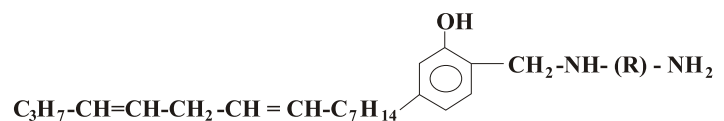


## WHAT IS EPOXY?

Epoxy is a term used to denote both the basic components and the cured end products of epoxy resins, as well as a colloquial name for the epoxide functional group. Epoxy resins, also known as polyepoxides, are a class of reactive prepolymers and polymers which contain epoxide groups. Epoxy resins may be reacted (cross-linked) either with themselves through catalytic homopolymerisation, or with a wide range of co-reactants including polyfunctional amines, acids (and acid anhydrides), phenols, alcohols and thiols. These co-reactants are often referred to as hardeners or curatives, and the cross-linking reaction is commonly referred to as curing. Reaction of polyepoxides with themselves or with polyfunctional hardeners forms a thermosetting polymer, often with high mechanical properties, temperature and chemical resistance. Epoxy has a wide range of applications, including metal coatings, Floor coating, use in electronics / electrical components/LED, high tension electrical insulators, fiber-reinforced plastic materials and structural adhesives.

Phenalkamine systems based on distilled CNSL shows intense yellowing during exterior exposure & as such has colour value very high on Gardner scale. Phenalkamine Hardner develop to improve up the yellowing factor as well as to assist formulator to develop the light shade in epoxy Phenalkamine systems.

## CHEMICAL STRUCTURE :-



## Our Services

### Stanrose Epoxy Flooring System



- Hygienic : It provides a joint less flooring making it dust free and is easy to clean because of smooth surface.
- Chemical Resistant: It has excellent chemical resistance to most chemicals.
- Wear Resistant: It provides a tough floor topping to withstand foot and light vehicular traffic.
- Aesthetics: It is available in various colour shades to provide attractive floor

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through heavy duty grinding machine for exposing the micro pores on concrete.
- Filling of control joints, holes and uneven surface through epoxy mortar
- Applying of Stanrose Prime let it cure for 8 hrs.
- Applying of Stanrose SL-EPO as per recommended thickness And let it cure for 36 hrs.( for optimum result )
- It can also be applied over Stanrose UL( Self Levelling Screed ).
- Applying of Stanrose EPO SL 300 mic. And let it cure for 36 hrs.

### Stanrose PU Cementitious Flooring System



- It is high performance four pack polyurethane resin flooring system.
- The cured system forms a tough, easily cleaned, pigmented layer from 2mm upto 9mm thick.
- Easily applied by rake and trowel.
- Hard wearing - extremely durable and abrasion resistant
- with low maintenance cost
- Seamless - easily cleaned to maintain high standards of hygiene environment

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through heavy duty grinding machine for exposing the micro pores on concrete.
- Filling of control joints, holes and uneven surface through epoxy mortar
- Applying of Stanrose Prime let it cure for 8 hrs.
- Applying of Stancrete-PU as per recommended thickness. Notched trowel and removal of Air with spike trowel and let it cure for 36 hrs for optimum result.

### Stanrose ASF ( Antistatic Flooring )



- This is highly specialized flooring system, which is electro conductive, resistant to chemicals & abrasion.
- It meets BS 2050 Antistatic requirements
- Easy to clean and sterilize, low maintenance requirements. .
- Easy application, no machinery required.
- Electrical resistance: 5 x 10<sup>4</sup>-10<sup>8</sup> ohms.
- Facilitates rapid application environments.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through heavy duty grinding machine for exposing the micro pores on concrete.
- Filling of control joints, holes and uneven surface through epoxy.
- Applying of Stanrose Prime let it cure for 12 hrs.
- Laying of Copper Strip with proper earthing.
- Applying of Stanrose Conductive Under Lay and let it cure fo 12hrs.
- Applying of Stanrose ASF-SL as per recommended thickness min. 2mm

### 1K PU Flooring System

- Single Component four layer water based 100% acrylic emulsion possessing excellent durability, adhesion, gloss and water resistant.

- PU1K Floor Coating System ( Primer Stan 61 + Mix Floor259 + Sand + Hard Grip 259 + Pigment + Transparent Top Coat 48 SCF ).



### Stanrose Anti Fungal & Anti Bacterial Wall Coating System



- It forms a very smooth and hard film.
- Good resistance to water and cleaning chemicals.
- Easy application, no machinery required.
- As it is waterborne it is environment and user Friendly.
- Non Smelling, Easy to clean.
- Very high stain resistance.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc.
- Applying of wall putty 1 coats or 2 Coats as required.
- Applying of polyurethane primer 1 coats.
- Applying of Wall-Protex anti fungal / anti bacterial wall coating 2 Coats.

### Stanrose Waterproofing System ( Proof 2k )



- Two component water based system for waterproofing & wall coating.
- Suitable for potable water application.
- MIXING RATIO of Component A to Component B is 1 : 1 by Volume.
- Excellent adhesion to damp or dry surfaces, including freshly poured concrete.
- Excellent flexibility and fills & seals minor cracks and holes.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through power tools and wire brush, emery cloth etc.
- Filling of Crack, joints, holes and uneven surface through Stanrose Elasty Coat.
- Thorough washing the surface with water.
- Application of 2 coats Coating of Stanrose Proof 2K.

### Stanrose Car Deck System



- It is a four cost Polyurethane system which provide a world class parking deck system with excellent abrasion resistance, noise reduction, antiskid, elastomeric concrete protection.
- It enhance the appearance and function ability of the parking deck area.
- Seamless - easily cleaned to maintain high standards of hygiene.
- Enhance the floor life & reduce maintenance

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements. etc. through power tools and wire brush, emery cloth etc.
- Filling of joints, holes and uneven surface through epoxy mortar.
- Application of Stanrose Prime.
- Application of Stanrose PU 1000 mic with antiskid property.

### Stanrose Heat Reflecting Coating System



- It is a self-crosslinking acrylic copolymer emulsion, propylene glycol, polybutadiene styrene with excellent water and blocking resistance, transparency, non yellowing and excellent hardness, high clarity and gloss.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements power tools and wire brush, emery cloth etc.
- Filling of joints, holes and uneven surface through epoxy mortar.
- Thorough Washing the surface with water.

### Stanrose Concrete Repair System



- It is namely Epocrete, a three component solvent free epoxy aggregate floor repairing system.
- When cures it does not shrink and gives a tough layer. It has excellent bonding to old and new concretes.
- Repair to damaged reinforced concrete elements like beams, columns, wall etc. where access is restricted and compaction is not possible.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through heavy duty grinding machine for exposing the micro pores on concrete.
- Applying of Stanrose Prime.
- Applying of Epocrete and let it cure for 24 hrs.

### Stanrose Anti Corrosion System



- It is a two component epoxy structural coating system.
- It is having excellent chemical and corrosion resistant with excellent bonding to metal surface when properly prepared.
- Any between 6001, 6002, 6004 can be recommended as required.

#### Scope of Work

- Scrapping through scrapper, wire brass, emery cloth etc removing loose rust dust and loose old paint.
- Applying 2 coat of 6001/6002/6004 which provides super bonding and super strength nonporous coating.
- Top coating with Stanrose PU Rust Hide which provides super glossy finish and long lasting color and protection from UV rays and super strength nonporous coating.

### Stanrose Anti Fungal & Anti Bacterial Wall Coating System



- It is a high performance two component polyurethane system with very low VOC an 57% volume solid.
- It is having very high gloss and having compatibility with a huge range of primers and intermediates.
- Wonderful finish and having high resistant to UV and chemical attacks.
- Hard wearing - extremely durable and abrasion resistant with low maintenance.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc
- Applying of two Coats of PU Paint over recommended and let it cure for 8 hrs. Epoxy Primer ( 6001/6002/6004 ) as recommended.

### Stanrose Chemical Resistant Coating ( CRC )



Stanrose EPO CRC used in

- Heavy duty flooring / linings.
  - Drains / Plant floors exposed to chemicals.
- Some of the specific areas.
- Urea Prill Towers.
  - Bagging Plants.
  - Steel & concrete structures in caustic unit.
  - Chemical Industries.
  - Resistant to maximum aggressive chemicals at short term direct exposure.

#### Scope of Work

- Surface preparing by removing of dust, oil, grease, unwanted cements etc. through heavy duty grinding machine for exposing the micro pores on concrete.
- Filling of control joints, holes and uneven surface through epoxy mortar.
- Applying of Stanrose Prime PS let it cure for 12 hrs.
- Applying of Stanrose UL as per recommended thickness and let it cure for 12 hrs.( if required )
- Applying of Stanrose CRC as per recommended thickness and let it cure for 36 hrs.

### Stanrose Chemical Resistant ( Vinyl Ester-Chemical Proof Lining )



- Stanrose Chemiseal CRS may be applied as a smooth coating system or as a build-up system incorporating aggregate.
- Both systems are suitable for vertical and horizontal surfaces.
- Exhibits excellent impact, abrasion and fatigue-resistance.
- The systems both provide excellent protection for steel and concrete against a wide range of chemicals with low maintenance cost.

#### Scope of Work

- This provides a smooth, easy-to-maintain system.
- Apply Stanrose Primer onto concrete substrate using a brush, roller or squeegee to a uniform coverage without ponding. Allow primer to cure for a minimum of 6 hours at 20o C (68o F) or 10 hours at 10o C (50o F).
- Apply Stanrose Screed for a minimum of 12 hours.
- Applying of one layer of 450gsm FIBER mat and pigmented with high chemical resistant resin.
- Applying of 2 coats of Vinyl Ester Resin based Fiber Reinforced -- Stanrose Chemiseal CRS as finish coats using a brush, roller or squeegee to a uniform coverage without ponding and let it cure for 36 hrs.

### Stanrose High Density Polyethylene ( HDPE ) Lining



- For R.C.C. Chemical storage tanks, effluent collection tanks, neutralization tanks, plant floors, drains, pickling tanks.
- Chemical & corrosion resistant, Light weight, Environmental Resistance, Inert & non-toxic nature.
- Abrasion Resistance & having a long life and almost nil Maintenance cost.
- Small capacity individual tanks for housing estates.
- Highly chemical resistant area like ETP tanks, drains, plant floors.

### Floor Care

Floor Coating is an important decision and a key investment. Adequate care and appropriate usage is necessary to ensure longevity and optimal performance of the coating. The first seven days of the coating are quite critical. While the floor becomes walk ready within 24 hrs of application, it becomes ready for heavy machine movement and spillages (including water ) only after five days.

#### The following needs to be ensured to avoid misuse of floors:

- Don't scratch sharp object on the floor.
- Slide of heavy metal object should be avoided.
- Don't use sharp object on the floor to scrap oil or grease.
- Don't use metal wheeled trolley.
- Don't try miracle cleaners on your floor without performing a small surface test first.
- Do dust dry mop your high traffic floors daily twice or thrice.
- You need to make sure you remove debris, dirt, and dust from epoxy floors.
- Promptly remove grease, and other contaminants from the surface of the floor.
- Use Rubber or PP wheeled trolley.
- Tire Marks Removal: Scrub the area (s) with a stiff bristled brush and using the same biodegradable floor cleaner that you are using to mop with.



## TURNKEY CLEAN ROOM SOLUTION



**Modular Puff Panels**

We have been affianced to introduce an excellent grade array of Clean Room Puff Panel

- High Temperature Control.
- Balance Air Flow Pressure.
- Dust detection and cleaning sense.
- Pharmaceuticals Farm, Hospitals, Institutions where scientific projects are carried.



**Puff Ceiling**

We are offering wide range of PUF Ceiling Panel.

- Easy & Quick Installation.
- High strength.
- Outstanding Load bearing.
- Resistant to most oils, chemicals and solvents. Fire Resistant.



**Pass Box**

We are offering our clients qualitative Pass Box.

- Double Walled Construction.
- Doors equipped with double walled flush glass view panels.
- Electro-magnetic Interlocking.
- Indicator on either side.



**Flush Doors( Pharma )**

We offer a wide variety of high quality Clean Room Doors.

- Easy-to-Clean & Maintain.
- UV Light Resistance.
- Easy cleanable and maintenance free system.
- High-Gloss Reflective Coatings Available.

## HVAC ( Heating Ventilation & Air Conditioning )



It is the process of changing or replacing air in any space to control temperature or remove moisture, odors, smoke, heat, dust and airborne bacteria.

- It is used to remove unpleasant smells and excessive moisture, introduce outside air, and to keep interior building air circulating.

**Forced Draft Ventilation ( FDV )**



We manufacture wider range of durable and efficient Air handling units.

- Temperature and air vibration control.
- Humidity control with heat insulation.
- Standard prefilter for ambient return air.
- Food industry, Medical devices manufacturing industry, Pharmaceutical industry.

**Air Handling Unit ( AHU )**



## Never Keeps you in the Dark Range of Pharma LED Lights



## STANROSE ENVIROTECH INDIA PVT. LTD.

Sales Office Address: B-1, Sainath Industrial Estate 1, Opp. Pravasi Industrial Estate, Kotkar Road, Goregaon (East) , Mumbai - 400063, Maharashtra, INDIA.

Factory Address: G-17/8, MIDC, Tarapur Industrial Area, Boisar, Dist.: Palghar 401506, Maharashtra.

**For any further queries call on +91 9819096799 or +91 9930950104**  
**email : [info@apexelectromec.biz](mailto:info@apexelectromec.biz) , website: [www.apexelectromec.biz](http://www.apexelectromec.biz)**

**Disclaimer : Due to constant innovation and product up-gradation, we reserve the right of modification**





## Some Of Our Esteemed Clients:

### Pharmaceuticals

Aarti Industries Ltd; Tarapur  
Aarti Drugs Ltd., Tarapur  
Adeshwar Meditex Pvt.Ltd; Palghar  
Aeropharma Ltd.; Silvassa  
Bajaj Healthcare Ltd; Tarapur  
Brassica Pharma Ltd; Tarapur  
Calyx Pharmaceuticals, Tarapur  
Cmiline Fine Science Ltd. Tarapur  
Custom Capsules; Tarapur  
Cipla Ltd; Pune  
Ciron Drugs & Pharmaceuticals; Tarapur  
Dana Pharma: Thane  
Fredun Pharmaceuticals Ltd; Palghar  
Hema Laboratories Pvt. Ltd; Dehradun  
Hindustan Antibiotic Ltd, Pune  
Glaxosmithkline Pharmaceuticals Ltd; Nashik  
Kopran Limited; Khalapur Raigad  
IPCA Laboratories Ltd; Silvassa  
Macleods Pharma; Palghar  
Medley Pharma ; Tarapur  
Nulife Pharmaceuticals ; Pune  
Rusan Pharma Ltd; Gandhidham  
Samuradha Pharma P. Ltd; Tarapur  
Sava Healthcare, Surindra Nagar; Gujrat  
S.S.Pharma, Tarapur  
Sapphire Life Science Pvt. Ltd; Pune  
Stearling Labs; Hosur  
Shrushti Pharmaceuticals; Bangalore  
Olive Healthcare Pvt. Ltd. Daman  
P.J.Health Care Pvt Ltd; Daman  
Ankur Pharma; Daman

### Power Plants

Bhabha Atomic research Centre ; Tarapur  
Bhabha Atomic research Centre ; Kalpakkam  
Department of Atomic Energy ; Mumbai  
NPCIL ; Tarapur (Direct)  
NPCIL ; Kalpakkam (Direct)  
NPCIL 3&4 ; Kakrapar (L & T)

### Refinery , Distilleries & Beverages

DHL Courier & Carg  
Overnite Express Ltd; Mumbai

### Others

Bush Tea  
Blue Star Ltd. Daman ( D& N, H )

### Ware Houses & Godowns

Dima Products ; Sarigram  
Indo Nippon Choseki Pvt.  
Micro Links Pvt. Ltd.  
Mitshu Chem Pvt. Ltd  
Lexi Pvt. Ltd