





**EXCELLENCE IN CHEMICALS, COATINGS & ADHESIVES** 



# **Paramount Polytreat Chemicals Private Limited**



### **About Us**

Paramount Polytreat Chemicals Private Limited has excellence in cleaning chemicals, adhesives and coating. It was established in 2004 to serve adhesive and chemical to HVAC and automotive industry. We are marketing and promoting insulation adhesives and coating products in association with XCHEM International – Established in 2010 with highly adaptive 8000 sqm. Plant in Dubai and now it is working as XCHEM Polymers IndiaPrivate Limited at Valsad in Gujarat. XCHEM is global player enriched with adhesive portfolio comprise of adhesive, coating, sealants and specialty chemicals.

- Established in 2004
- Highly adaptive Plant with bulk production capacity
- Production Capacity
- To make all out effort to ensure profitable company growth.
- Our company should be such that everyone should feel pleasure to have business relation with us.
- To create & ensure such a cordial working environment so that we win our employee's heart & minds.
- Everybody has to keep company's interest above thier own interest by rendering selfless devoted service in all assignments.
- Be neat, clean and good citizen of the organisational commitments & maintain personal integrity.

### **Global Success**

- Presence in Dubai, Sri Lanka, Middle East countries
- Combined product portfolio in HVAC & R
- Portfolio: Render world class Premium Products, in the area of Coatings, Adhesives, Sealants (HVAC &R) and Industrial Chemicals.

### **Strategy of Profitability and Competence**

- Expansion of our business to more regions
- Continuous research & development
- Expansion of our business portfolio









# Mission & Vision

### **Our Vision**

To be a global leader in Adhesives, Coating and Specialty Products that best suit and satisfy the customer needs.

## **Our Mission**

Discover, Develop and Deliver the most excellent products and services to consumer and industry.



# Driven:

We are motivated and passionate about what we do which propels us forward.

### **Innovative:**

We live in a world where the pace of change is rapid. We consistently need to keep evolving by developing newer and relevant solutions for our customers based on the foundation of Quality, Reliability and Sustainability.

## **Sustainable:**

We give highest priority to adopt practices that are environment-friendly across all dimensions of our operations.

### Ethical:

We believe honesty, integrity and trust at the core of everything that we do.

## **Customer-centric:**

We are because our customers are. We resolve to:

- Deliver what we promise
- Listen and act swiftly on concerns
- Make our expertise available for the benefit of our customers
- Ensure complete customer satisfaction

# **Team Player:**

We listen, respect and appreciate others and work together to achieve common goals

# Mission & Vision

# **XCHEM – Operation & Process**



### **Raw Materials**



- Solvents
- Rubber
- Resins
- Polymers
- Coatings
- Emulsifiers
- Biocides

### **Operation**



- RM & PM Testing
- Formulating
- Processing
- Quality Control
- Filling
- SKU Packing

### **Products**



- Coatings
- Adhesives
- Sealants
- Primers
- Binders
- Disinfectants
- Cleaning Chemicals

### **Applications**

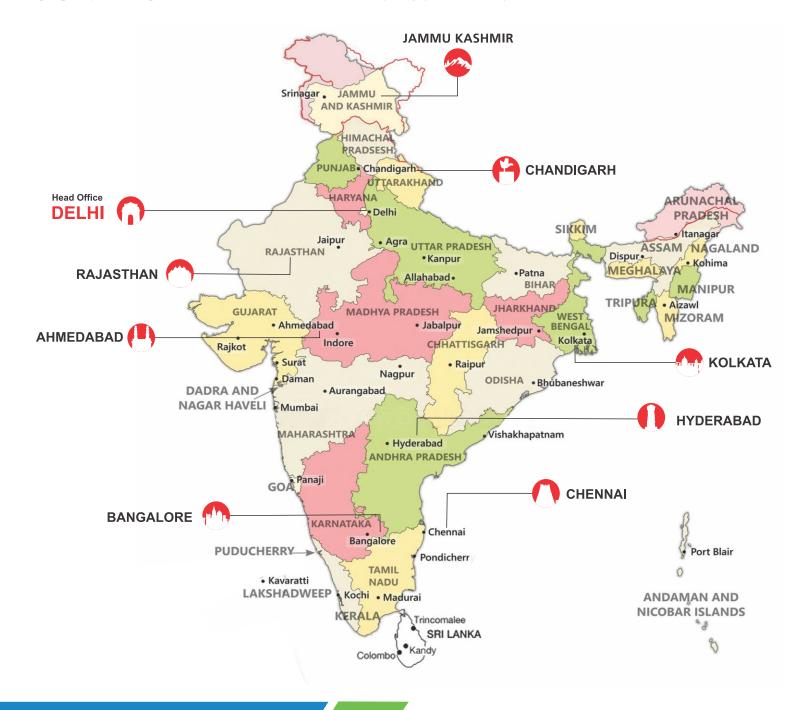


- Footear
- Foam & Mattress
- MEP HVAC
- Flooring
- Sports Flooring
- Automobile
- Waterproofing
- Facilities Cleaning
- Printing & Lamination

## **PARAMOUNT POLYTREAT-Branches in India**

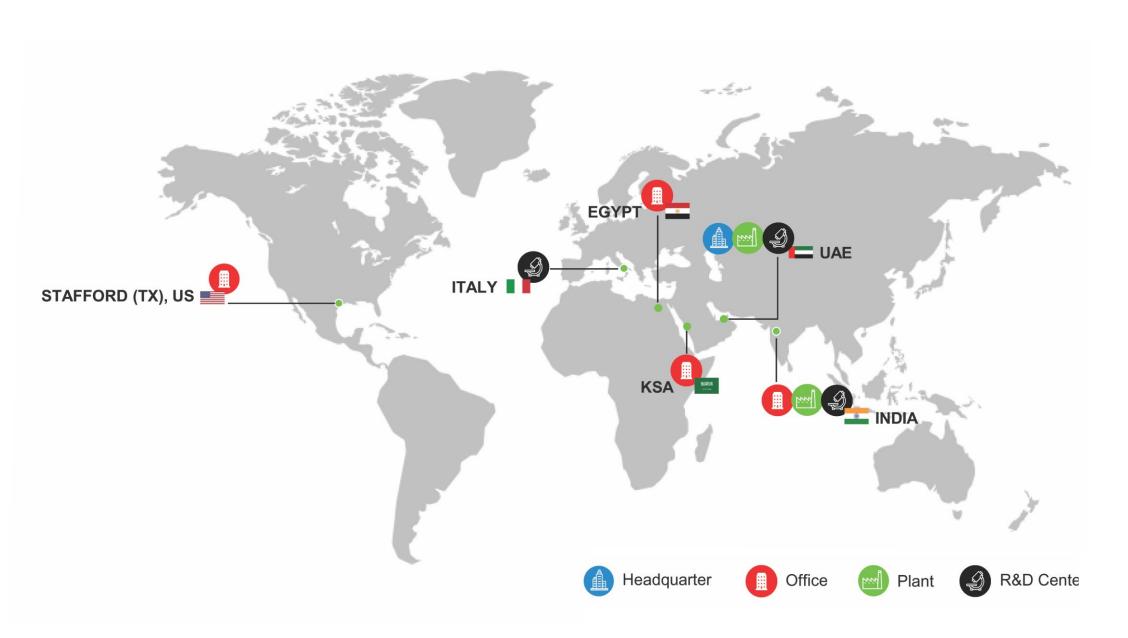






## **XCHEM – Global Offices**





# **XCHEM – Network Expansion Timeline**



2010: UAE **2011: Saudi** 2012: Bahrain, Qatar & Oman 2013: Turkey & Kuwait **2014: Egypt** 2015: Pakistan & Iraq 2016: India & Thailand 2017 - 2019: Malaysia, Bangladesh, Jordan Poland, Tunisia, Morocco, Ethiopia, Kenya, Nigeria, Ghana, Senegal

2020: United States of America

## **XCHEM – Business Units**























## **HVAC - Coatings, Adhesives & Sealants**



#### **Coatings**

UL & DCL Classified Coatings that are low VOC, fire-resistant, anti-fungal, anti-bacterial and have great vapor barrier properties. Our coatings conform to LEED & MIL specs and are environmentally friendly.

#### Adhesives

UL & DCL Classified Adhesives that are low VOC, fire-resistant, anti-fungal, anti-bacterial and have great bonding properties. Our adhesives conform to LEED & MIL specs and are environmentally friendly.

#### **Sealants**

UL & DCL Classified Sealants that are low VOC, fire-resistant, anti-fungal, anti-bacterial and have great elastic properties. Our sealants conform to LEED & MIL specs and are environmentally friendly.

#### Fire Coating

STARCOAT CRC<sup>TM</sup> ductwork can either be constructed in flanged lengths of duct, which are then bolted together to make a run of ducting, or in panel form. This construction is especially useful for ducts of large cross-section and can be used on any size of duct up to 25 M x 3 M.

- Tested for up to 2 hours Stability, Integrity & Insulation to BS 476 (Part 20 & 24) -1987 and for Ventilation Fire Duct, Smoke Duct & Kitchen Extract ductwork.
- When insulation rating is required panels shall be insulated at the site.
- Total flexibility in the design and construction of the duct.
- Can be sent to site "flat packed" ready to bolt up.

#### **Coatings Fire Coating Adhesives Sealants**

- MAGIK (UL & DCL Classified)
- STARBOND 30-36
- ENICOAT (Commercial Quality)

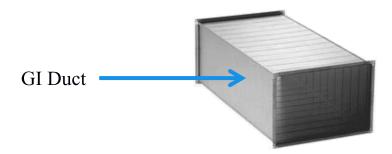
- MAGIK (UL & DCL Classified)
  MAGIK (UL & DCL Classified)
  STARCOAT CRC™
- ENIFIX • CHEMXSEAL (DCL Classified)



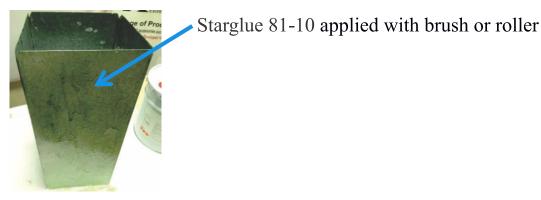
## **HVAC - Coatings, Adhesives & Sealants**

Let us understand how the GI duct is thermally insulated:

Step 1 : GI Duct surface iscleaned and all the dust particles are removed. Also remove any grease or debris if present.



Step 2: Apply Duct Adhesive on the GI sheet with the help of brush or roller on all the 4 side of the rectangular duct.





Step 3: Wait 10-15 minutes and when the surface becomes touch dry, the fiber glass wool insulation is wrapped on the surface of duct.

Fiber Glass Insulation





#### Adhesives:

UL Listed : Magik 85-60UL Listed : Magik 81-10

• Premium: Starglue 81-10

Step 4: In order to protect the fiber glass insulation from external damage, canvas cloth is wrapped around the glass fiber wool insulation.

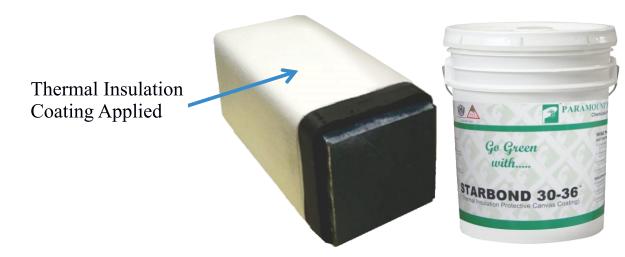




Step 5: To bond the Canvas Cloth with the fiber glass wool insulation, a water based thermal insulation is used.

Thermal insulation coating is applied with a brush or roller. It provides excellent heat and UV resistance.

It is very important to ensure that each coat is totally cured before the next coat is applied.





Thermal Insulation Coatings:

- UL Listed: Magik 30-36
- Starbond 30-36
- Economical: Enicoat 3036



Step 6: To counter the possibility of mold and fungus growth, an Anti-Fungal Duct Coating is applied on top of the Thermal Insulation Coating. It is very important to ensure that each coat is totally cured before the next coat is applied.

Anti Fungal Coating being applied







### Anti-Fungal Coatings:

• UL Listed: Magik 30-36 AF

• Starbont 30-36 AF

• Economical: Enicoat 30-36 AF

Step 7: When Ducts are in an Open Atmosphere, there is a high chance of rain and moisture causing damage to the Insulation Coating. In order to protect the Duct System a specialized Vapor Barrier Coating is applied so that the surface becomes anti-fungal, fire retardant and waterproof. Some applicators may directly apply over the Thermal Insulation Coating. It provides excellent water resistance & tough weather protection.

Vapor Barrier Coating applied







Vapor Barrier Coatings:

• UL Listed : Magik VB 95

• UL Listed: Magik 60-95

• Premium : Starbond 30-36

• Economical: Enicoat

### Thermally Insulated GI Duct System



Thermal Insulation Coatings:

• UL Listed: Magik 30-36

• Premium: Starbond 30-36

• Economical: Enicoat 30-36



Vapor Barrier Coatings:

• UL Listed: Magik VB 95

• UL Listed: Magik 60-95

• Premium: Starbond 30-36

• Economical: Enicoat VBC



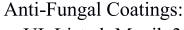


Adhesives:

• UL Listed: Magik 85-60

• UL Listed: Magik 81-10

• Premium: Starglue 81-10



• UL Listed: Magik 30-36 AF

• Premium: Starbond 30-36 AF

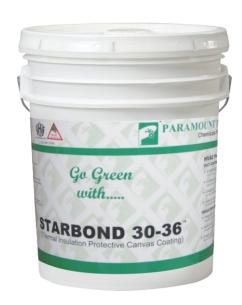
• Economical: Enicoat 30-36





## Thermal Insulation Protective Coating

STARBOND 30-36<sup>®</sup>: An aqueous solution is applied in conjunction with woven fiber Glass cloth by spreding on the outer surface of insulated GI/AL duct, chilled water piping, so as to provide sealing against air and moisture, mechanical impact and resistance to scratches - for Indoor or outdoor applications. It is invariably, a must, on SA ducting in the space above false cealing through which return air is being drawn and non-conditioned spaces, chilled water piping etc in conjunction with a layer of woven fiber glass cloth. It acts as cladding to the insulation material against environment hazardous like dust rain, moisture, acid vapours, mechanical impacts, Chemicals and alkalies etc. In both, the indoor and outdoor application, the surface should invariably be finished in two layers of STARBOND 30-36® over the insulation wrapped with woven fiber glass cloth. Invariably an excellent water vapor barrier with low water vapour permeance. Being applicable for all types of insulation materials, the product is classified as Class 1 in respect to Surface Spread of Flame as per BS 476-Part 7.



## **STARCOAT CRC**<sup>™</sup>

2 Hours Fire Rated Duct Work System (Tested to BS 476 (Part 20 & 24) –1987)



### **Introduction:**











STARCOAT CRC<sup>TM</sup> Fire Rated Duct Work System is constructed from galvanized sheet steel manufactured to the DW144, HVCA or SMACNA standard, then degreased and sprayed with STARCOAT CRC<sup>TM</sup> coating which is a specially formulated water based compound. This contains selected mineral filters in a low permeability elastomeric binder to a thickness of approximately 700 to 900 micron to give a finished product which has been successfully tested fire conditions in excess of 2 hours duration. Ductwork is produced in sections and is assembled on site utilizing tested class 'O' gaskets & sealants (CHEMXSEAL 32-17).

The unique properties of **STARCOAT CRC<sup>TM</sup>** has enabled us to design a low density, highly durable material which accommodates induced stress arising from extreme and varying conditions e.g. Climatic Moisture and Structural Loading Variations and the effect of a thermal shock during a fire. The complete system has been tested to BS 476 (Part 20 & 24) – 1987and also up to temperature of 1133°C.

**STARCOAT CRC**<sup>TM</sup> ductwork can either be constructed in flanged lengths of duct, which are then bolted together to make a run of ducting, or in panel form. This construction is especially useful for ducts of large cross-section and can be used on any size of duct up to 25 M x 3 M.

- Tested for up to 2 hours Stability, Integrity & Insulation to BS 476 (Part 20 & 24) -1987 and for Ventilation Fire Duct, Smoke Duct & Kitchen Extract ductwork.
- When insulation rating is required panels shall be insulated at the site.
- Total flexibility in the design and construction of the duct.
- Can be sent to site "flat packed" ready to bolt up.

The panels are delivered to site pre-coated on the outside face with **STARCOAT CRC**<sup>TM</sup> and are then bolted together incorporating class 'O'gasket strip to form the required duct cross-section.

It can confidently be specified and installed for:

- Smoke extract duct
- Car park extract duct
- Kitchen extract duct
- Stair pressurization systems duct



### PARACOAT BPC™

#### Introduction

#### PARACOAT-BPC

Buried pipe lines Insulation Protective Coating (For Open, Partial & Closed cell Insulation) PARACOAT BPC – An Aqueous Solution To Be Applied / Spread Direct Over Insulation In Conjunction With A Single Layer Of Fire Proof Woven Fiber Glass Cloth Against Cumbersome Conventional Process for underground insulation coating Involving vapour Barrier, Chicken Wire Mesh ,Cement Plastering,Tar Felt And Sealing the joints With 85/25 Hot Bitumen. Applicable for Open Cell (Glass Wool), Partial Cell (Thermocol /Puf), Cross Linked (Polyethylene) & Closed Cell (Elastomeric). It can be ideally used for Underground piping Chilled Water, Bare Condense Water piping & Bare Hydrant Fire Fighting System piping.

### **Description**

PARAMOUNT POLYTREAT PARACOAT –BPC is a water based tough, durable vapor barrier coating over the insulation material for underground piping application.

### Advantage

- Comparative Very Low Water Vapor Permeability.
- No Effect Of Sodium, Potassium And Salt Encountered En route Of Soil.
- Excellent bonging to most of the insulation material
- Low water vapour permeance
- Chemical and Alkali resistant
- Suitable For All Zones Of India



### ENIFIX BA-60™

#### ENIFIX BA-60TM

Cold Applied bituminous adhesive in liquid form For Open (Glass Wool) And Partial call (Thermocole & puf). Idea for Adhesive of Duct/chilled Water Pipes Run and Cold storages External walls, common Floor And Ceiling against har d industrial bitumen grade 85/25 available in solid state available drums.

### **Description**

ENIFIX BA-60<sup>TM</sup> is oxidized, cold applied, quick setting, low cost bituminous Adhesive.

### **Advantages**

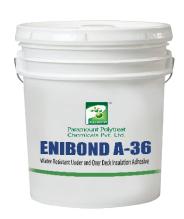
- Good adhesion.
- Non-toxic
- Alkali resistance
- Very good Cohesion
- Anti-fungal & antibacterial
- For all zone of india.

#### **ENIBOND A-36®**

**ENIBOND** A-36® is water based, eco-friendly special adhesive formulated from selective acrylic co-polymers reinforced with special rosins to increase the tackiness. It is a non-flammable adhesive.

Water Based Adhesive for the application of Open Cell, Partial Cell Insultion, Cross Linked Insulation and Closed Cell Insulation material in under or over deck application.





### ENIFIX 530

**ENIFIX 530** is a one component adhesive developed specially for NBR, Nitrile rubber & XLPE insulation material. ENIFIX 530 is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond.

- Good Bonding to Porous & Non-Porous Surfaces
- Quick Drying and Setting Time
- Good Heat Resistance
- Extremely Low Odor
- Chemical Resistant
- Excellent Tack
- UV Resistant

### **Recommended Applications**

ENIFIX 530 is used for air duct insulation, pipe sections, slabs, under deck (metal, concrete), etc.

ENIFIX 530 is an ideal product for bonding:

NBR Insulation to GI

XLPE Insulation to GI

NBR Insulation to MS Pipe





### ENIFIX 550

**ENIFIX 550** is a premium quality, one component contact adhesive based on polychloroprene rubber. ENIFIX 550 is specially formulated for stress bonding of nitrile rubber & XLPE insulation material. ENIFIX 550 is made from a combination of special resins & additives that produce low odor and provide excellent tack properties along with a very strong bond.

### **Recommended Applications**

ENIFIX 550 is used for air duct insulation, pipe sections, slabs, under deck (metal, concrete), etc.

ENIFIX 550 is an ideal product for bonding:

NBR Insulation to GI

XLPE Insulation to GI

NBR Insulation to MS Pipe



## Premium Quality Adhesive for Insulation

- All the Duct Systems (GI and PIR) are mechanically fabricated by joining several parts together.
- It is very important that their edges are sealed properly to prevent any air leakage.
- Therefore Duct Sealants are recommended to prevent such problems.
  Application: Apply the sealant uniformly to a clean, dry and oil-free surface, by power extrusion, trowel or brush.



• UL Listed: Magik 32-17

• Premium: Chemxseal 32-17



# PIR Insulation System



PIR is supplied in the form of sheets

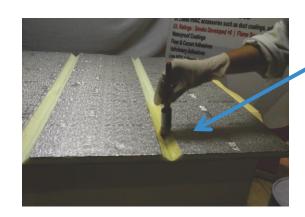
PIR is then cut into specific shapes by a specialized machine





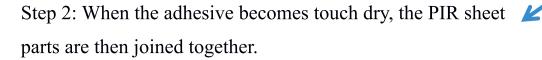
Various shapes are then fabricated as per the Customer requirement

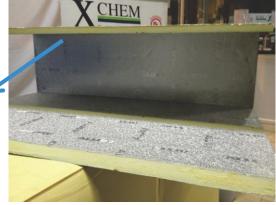
# PIR Insulation System



Step 1: PIR adhesive is applied between the edges with the help of a brush. Adhesive is allowed to dry for 10 -15 minutes.









Step 3: Here is how the final adhered PIR Duct looks like.

## **Rubber Insulation System**

- Rubber Insulation is typically seen as a means to prevent heat loss or gain through the building envelope.
- It is generally applied on the chilled water pipes and copper tubes used for split air conditioning.
- With the right insulation materials a system must be capable of preventing condensation, moisture, intrusion and long term degradation.







## **Rubber Insulation System**

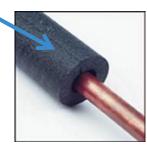
But what is the role of Adhesives in Rubber Insulation Systems, explained below:

- Adhesives play a very important role in the installation of Rubber Insulation Systems.
- Due to very high variance in the temperature of the substrate, adhesives used must be specially designed to work at wide variety temperatures.

Rubber Insulation Glue is applied here. Open time is generally 10-15 minutes



The Two applied Insulation Surfaces are then joined





Rubber Insulation Adhesives:

• ASTM E84: Magik 555 LV

• ASTM E84: Chemxglue 52-10 / 52-20



Rubber Insulation in the form of sheets





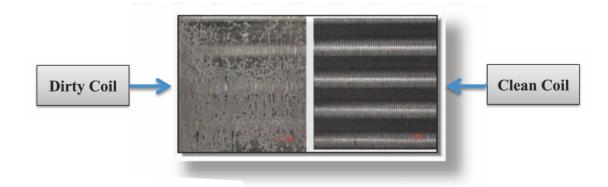
### Coil Cleaner

Air passing through the AC coils contains microscopic dirt particles as well as other foreign materials. After a while this debris builds up on the coil surface making it more difficult for coils to provide cooling. Since an AC with a dirty coil is insulated with dirt, it works inefficiently and takes longer time to cool.

For example: If the initial room temperature is 30°C and we wish to cool to 22°C. This may take one hour to cool. But if we were to take a brand new Air Conditioner in the same room under the same conditions, it may take half an hour to do so. This results in half the electricity consumption.

**Unclean coils CAUSE:** Equipment to run inefficiently and longer for cooling and therefore causing more wear and tear.

- Dirty coils often restrict air flow, providing less cool air to occupied room areas.
- More energy usage than a clean coil is the cause of rising energy cost.





### **Coil Cleaner**

XCHEM Coil Cleaner POLYKLIN PLUS™ is a highly concentrated product hence it requires dilution based on the condition of coils. Suggested dilution ratios are as follows:

- Add one part of POLYKLIN PLUS<sup>TM</sup> to 10 parts of water for light cleaning/brightening action.
- Dilute POLYKLIN PLUS<sup>TM</sup> by 5 parts of water for difficult cleaning surfaces. After preparing the POLYKLIN solution, spray it on to the coil surface & allow it to be on the surface for about 10-15 minutes. (In extreme cases the repetition of action may b required).
- Rinse coils and surrounding areas with plenty of water.













## **Project Reference List**



**HVAC Overview** 

Becton Dickinson India Pvt. Ltd. Rewari (Rajashan)



Wipro-Ltd-Greater-Noida (Uttar Pradesh )



Wipro Tech Limited Hyderabad (Telangana)



Chatrapati Shivaji International Airport Terminal -2 Mumbai (Maharashtra)



Dabolim International Airport (Goa)



Tirupati Airport (Andra Pradesh)



Domestic Airport (New Delhi)



IRRAD Gurgaon (Haryana)



Appu-le-meridien-coimbatore



CISCO Bangalore (Karnatka)



Vadodara Airport (Gujarat)



Radisson Blu, Dwarka



ESIC Hospital Faridabad



Oberoi Hotel, Gurgaon



Eros Cinema New Delhi



Esic Hospital Mandi Himanchal Pradesh



Metro Retail Jaipur



JW Marriot Chandigarh



Spaze IT Park Gurgaon (Haryana)



Logix City Center Noida



Ranbaxy Laboratories-Sirmour ( Himachal Pradesh )



HCL Hub Noida



Radha Rajlakshami Hotel Chennai



Jaypee Hospital Noida

# Bonding Together

## **Project Reference List**



King's College Hospital-UAE



Dubai Hills Business Park by EMAAR -UAE



Opera Grand Tower by EMAAR -



Mushrif Central Park-UAE



Doha Souq-Qatar



King Abdul Aziz University-Saudi Arabia



SheikhaSalwaAl Sabah Center for Stem Cell -Kuwait



Qatar Power Transmission System-Oatar



Al Meera NBCS Umm Salali-Qatar



Viva BahriyaTowers-Qatar



EPIC for Multi Purpose Admin Complex-Qatar



Al Khor Mall-Qatar



NEOM City Development –Saudi Arabia



Qatar Petroleum - Dukhan Refinery Project



Dubai Marina 52/42 Residential Towers by EMAAR -UAE



Imperial Avenue Residential & Commercial Tower -UAE



Qatar General Electricity Lusail Power Station Project -Qatar



Kahramaa Qatar Power Transmission System Expansion



Sharma Complex -Tabuk, Saudi Arabia



Palm Jumeirah Gateway Towers by NAKHEEL -UAE



The Fields 1026 town houses -UAE



Park Heights I & II -UAE



MINA Palace -Makkah, Saudi Arabia



Acacia Park Heights by EMAAR -

# **PARAMOUNT POLYTREAT – Advantages**







Globally: **5 Offices 3 R&D Centers 2 Production Plants** 



Highly advanced know-how Ability to tailor make products





ISO 9001: 2015 certified **UL** certified products **LEED** complying



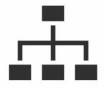
**Efficient Customer Support Advanced Technical Support** 







>10 Years of experience in the chemicals industry



**Diversified product range Cost effectiveness** 



#### **HOTELS**

- 1 JW Marriot Hotel Chandigarh (U.T)
- 2 Eros City Squaire Rosewood City Gurgaon (Haryana)
- 3 ITC Limited Manesar (Haryana)
- 4 Dial Pullman And Novotel Hotel (New Delhi)
- 5 City Park Hotel (New Delhi)
- 6 ALPS Hotel Gurgaon (Haryana)
- 7 Leela Palace Hotel (New Delhi)
- 8 Appu Hotel Coimbatore Chennai (Tamilnadu)
- 9 Indus Hotel (New Delhi)
- 10 Moon Hotel Gurgaon (Haryana)
- 11 Radisson Hotel (New Delhi)
- Hilton Hotel Gurgaon (Haryana)
- 13 Le-meridian Hotel Coimbatore Chennai (Tamilnadu)
- 14 JDPL Hotel (New Delhi)
- 15 Oberoi Hotel Gurgaon (Haryana)
- 16 DLF Club -3 Gurgaon (Haryana)
- 17 City Mart Hotel Gurgaon (Haryana)
- 18 Leela Kempinski Hotel Gurgaon (Haryana)

- 19 ITC Gardenia Hotel Bangalore (Karnatka)
- 20 IBS Mohali Chandigarh (U.T)
- 21 Metro Retail Store (New Delhi)
- 22 Metro Retail Store Jaipur (Rajasthan)
- 23 Metro Retail Store Jalandhar (Punjab)
- 24 Taj Hotel (New Delhi)
- 25 Radha Rajlakshami Hotel Chennai (Tamilnadu)
- 26 JW Marriot (Amritsar)

#### **HOSPITALS**

- 27 SRS Hospital (Faridabad)
- 28 Amori Hospital (Lucknow)
- 29 JP Hospital (Noida)
- 30 ESIC Hospital (Faridabad)
- 31 ESIC Hospital (Mandi- Himachal Pradesh)
- 32 Apollo Hospital Mathura Road (New Delhi)
- 33 Dr. Lal Path Lab (New Delhi)
- 34 Fortis Hospital Shalimar Bagh (New Delhi)
- 35 Fortis Hospital Ludhiana (Punjab)

#### **COMMERCIALS**

- 36 South Point Mall Gurgaon (Haryana)
- 37 Logix City Center Noida (Uttar Pardesh)
- 38 Upal Mall Lucknow (Uttar Pradesh)
- 39 Select City Mall Saket (New Delhi)
- 40 Eros Cinema (New Delhi)
- 41 Spectral Services Consultants Pvt. Ltd. Noida (Uttar Pradesh)
- 42 CISCO Bangalore (Karnatka)
- 43 Quattro BPO Solution Ltd. Gurgaon (Haryana)
- 44 GVK Mall Hyderabad (Telangana)
- 45 IRRAD Gurgaon (Haryana)
- 46 D-Mall (New Delhi)
- 47 American Express Gurgaon (Haryana)

#### DOMESTIC AND INTERNATIONAL AIRPORT

- 48 Chennai Airport (Tamil Nadu)
- 49 Vadodara Airport (Gujarat)
- 50 Indira Gandhi International Airport Terminal-3 (New Delhi)
- 51 Domestic Airport (New Delhi)
- 52 Chatrapati Shivaji International Airport Terminal -2 Mumbai (Maharashtra)

- 53 Tirupati Airport (Andra Pradesh)
- 54 Dabolim International Airport (Goa)
- 55 Air Traffic Communication Building (ATC) Domestic Airport Mumbai (Maharashtra)
- Air Traffic Communication Building (ATC) International Airport (New Delhi)
- 57 Air Traffic Communication Building (ATC) Mangalore (Karnatka)
- 58 Bengaluru International Airport , Bengaluru (Karnatka)

#### **IT PROJECTS**

- 59 NIIT Greater Noida (Uttar Pradesh)
- 60 NIIT Noida (Uttar Pradesh)
- Wipro Tech Limited Hyderabad (Telangana)
- 62 Wipro Ltd. Greater Noida (Uttar Pradesh)
- 63 HCL Hub Noida (Uttar Pradesh)
- 64 Satyam Computers Ltd. Hyderabad (Telangana)
- 65 Spaze IT Park Gurgaon (Haryana)

#### **PHARMAP ROJECTS**

- 66 Ranbaxy Laboratories Sirmour (Himanchal Pradesh)
- 67 Glaxo Smithkline Healthcare Limited Sonipat (Haryana)
- 68 USV Limited Solan Baddi (Himanchal Pradesh)
- 69 Legacy Food Pvt. Ltd. (Himanchal Pradesh)
- 70 Becton Dickinson India Pvt .Ltd. Rewari (Rajasthan)

#### **INDUSTRIAL PROJECTS**

- 71 TATA Steel Limited, Jharla division Dhanbad (Jharkhand)
- 72 The Times Of India Sahibabad (Uttar Pradesh)
- 73 The Times Of India Noida (Uttar Pradesh)
- 74 Rinder India Pvt Ltd (Maharashtra)
- 75 Shri Ram Batteries Manesar (Haryana)
- Anand Raj Industries Manesar (Haryana)
- 77 Perfetti Van Mella India Pvt. Ltd. Manesar (Haryana)
- 78 Y Kapur Enterprises Manesar (Haryana)
- 79 Green Ply Industries Ltd. Rudrapur (Uttarakhand)
- 80 PepsiCo India Ltd Jaunpur (Uttar Pradesh)
- 81 Bharti Wall Mart Indore (Madhya Pradesh)
- 82 Jindal Saw Gurgaon (Haryana)

#### **EDUCATIONAL INSTITUTION PROJECTS**

- UN Mehta Institute Of Cardiology & Research Centre Civil Hospital Ahmadabad (Gujarat)
- 84 Lotus Valley School Gurgaon (Haryana)
- 85 Lotus Valley School Noida (Uttar Pradesh)
- Indian Institute Of Technology (IIT) Kanpur (Uttar Pradesh)

**HVAC Overview** 

#### **GOVERNMENT PROJECTS**

- 87 All India Institute Of Medical Science (AIIMS) Rishikesh (Uttarakhand)
- 88 All India Institue Of Medial Science (AIIMS) Bhopal (Madhya Pradesh)
- 89 Delhi State Cancer Institute (New Delhi)
- 90 ISRO (New Delhi)
- 91 Indira Gandhi Smriti Bhawan (New Delhi)
- 92 Rabindranath Tagore International Institute Of Cardiac Science Kolkata(West Bengal)
- 93 Narayna Hrudayalaya Hospital Bangalore(Karnatka)
- 94 Civic Centre (New Delhi)
- 95 MMTC Mewat (Haryana)
- 96 Rao Tularam Hospital (New Delhi)
- 97 Sena Bhawan (New Delhi)
- 98 Pragati Maidan (New Delhi)
- 99 Trimurti Bhawan (New Delhi)
- 100 Baba Bhim Rao Ambedakar Hospital Noida (Uttar Pradesh)
- 101 Ambedkar University Noida (Uttar Pradesh)
- 102 Jamia Milia Islamia (New Delhi)
- 103 CM Office (Lucknow)

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