



CORRO

CHEM PLAST

“PERFECT SOLUTION AGAINST CORROSION “

ISO 9001 : 2015 Certified Company

SPECIALIST OF AIR POLLUTION CONTROL SYSTEMS, STORAGE SYSTEM AND ANTI-CORROSIVE APPLICATIONS SINCE 1985.

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WWW.CORROCHEMPLAST.COM

✧ ABOUT US ✧

- **The success story of CORRO CHEM PLAST (CCP) had its humble beginnings in Mumbai in the year 1985.**
- **CORRO CHEM PLAST is ISO 9001: 2015 certified company and excels in design, manufacturing, installation and after sale service of each systems, regardless of its size. We pride ourselves on keeping up-to-date with latest innovations and environmental sustainability factor in the Industry.**
- **We have supplied equipments which includes Tanks, Blowers, Industrial Stack etc., and over Turnkey installations including HCL Absorption Systems, SOx/NOx Scrubbers, Bromine Recovery Systems, Chlorine Scrubbers, HCL Pickling Tanks with Fume Extraction, etc.**
- **Our manufactured systems are operating across the country with extensive list of references of satisfied customers.**
- **We have best in class Inspection & Test Plan & Quality Assurance Plan in place. CCP ensures that each equipment manufactured in our facility undergoes strict stage wise quality checks to maintain consistency and commit to highest quality standard in the Industry.**

MISSION

To embrace a propensity for satisfying the needs and expectations of our customers by supplying on time, high quality products and services, with competitive pricing and long terms consistent value.

VISION

To be recognized as reliable supplier of turnkey solutions in air pollution control systems, corrosive applications and environment protection equipment's.

VALUE

We offers range of Thermoplastic Products which are highly customized for the end application and following customer service promise of Quality, Cost, Development & Delivery.

✿ MANUFACTURING CAPABILITIES ✿

Acclaimed for providing excellent solutions in diverse areas, CCP manufactures complete piping systems, industries equipment such as storage and process vessels, reactors, scrubbers, exhaust stacks and ducting's in FRP / PP / PVC / HDPE / PVDF / CPVC / ECTFE or in relevant combination (Dual Laminate) for critical and complex components. The combination of thermoplastic liners and FRP thermoset composites provides structures with excellent chemical resistance and structural strength. Dual Laminates are now used in numerous applications replacing more expensive metal alloys, lined steel, glass, stoneware or rubber. They offer a cost-effective solution in some of the most corrosive services encountered in industry.

Dual-Laminates are defined as a thermoplastic construction to which FRP structural layers are over laminated.

- Several types of thermoplastics can be used in the fabrication process including PVC, PP, CPVC, PVDF, ECTFE and HDPE.
- The thermoset bonding layer provides a mechanical and chemical lock with the FRP. A layer of electrically conductive material is laminated immediately behind the thermoplastic.
- A secondary corrosion barrier is laminated using thermoset corrosion resistant vinyl ester resins, surface veils and chopped strand fiberglass matt.
- Such laminate is resin rich to insure adequate back-up, in the unlikely event of thermoplastic liner damage.
- The FRP structure consists of a hand lay-up, i.e, alternate layers of CSM (Chopped Strand Mat) and woven roving (WR), or filament winding construction.
- Various winding patterns are used to optimize laminate properties finally an exterior finish provides UV resistance, flame retardancy and external corrosion resistance.

✿ QUALITY & TESTING CAPABILITIES ✿

Research & Development being our foray, we offer the most innovative solutions to all the corrosion problems. We exceed industry standards with our successful track record for manufacturing vessels for anti-corrosive materials.

Our commitment to quality begins with the selection & approval of Raw Material Vendors / Suppliers. Each supplier / vendor is developed, monitored & rated, continuously. All relevant raw materials are extensively tested, as per the relevant Standards / Specifications, before being released for manufacturing.

Every product undergoes meticulous inspections at all stages throughout the fabrication process followed by rigorous quality assurance criteria before they are labelled a CCP product. Samples are drawn and tested as per the relevant specifications, for compliance.

Our Quality Control personnel possess the technical knowledge and equipment to perform the Barcol Hardness all mechanical properties. Laminate Coupon Testing, Burn Test, Hydrostatic Test and Vacuum Test. The products also undergo the Destructive and Non-Destructive Testing, as per the relevant applicable Standards & Specifications. Most of the tests are conducted on the facilities in house, whereas some special tests are got done from external reputed Test Labs.

Major Design Standards: BS EN 13121

ASTM D 3299 - 81

ASME - Section X

ASME RTP-1-2000

DVS 2207

FEA (Finite Element Analysis) to Validate Design

DIN 16965 / 16966

AWWA C950

ASTM 2310 / 2992 / 2996

BS 7159

ISO 14692

IS 12709 / 14402

**Design & Drawing,
Manufacturing,
Site Installation,
Inspection,
Annual
Maintenance.**

**FRP / GRP /
HDPE / CPVC /
PVC / PP / PVDF /
PPR / PPH / ETFE /
MPTFE / ECTFE /
PFA / FEP**

API & Pharmaceuticals

Agro Chemicals

Dyes & Pigments

Oil & Gas

Chlor Alkali

Power Plants

Petrochemicals

Desalination Plants

Steel Industries

Paper & Pulp

Food Processing

Infrastructure

Fertilizers & Pesticides

ETP / STP / CETP

Other Chemical Manufacturing Plants

SCOPE OF WORK

DESIGN STANDARDS

INDUSTRIES WE SERVE

MOC

❖ FUME EXTRACTION SYSTEM ❖

PRODUCT DESCRIPTION

With the green movement world has become much more aware about the environment and industries contributing their part to generate least pollution and consider safety, environment and health of working employees to be most important part of organization. We are contributing same for this purpose and our Fume Extraction system are strongly recommended for Exhausting fumes carried(through suction hood) in workplace to safe access height (through stack) with the help of Centrifugal Blower through processing the fumes with Scrubbing system according to environmental norms. With more than 20 FES all over India it make us immense proud to convert difficult to work conditions into workable one.

SALIENT FEATURES

- ❖ Acidic (H_2SO_4 , HCL, HNO_3), Phosphoric, Ammonia, Nitrile, Ethylene oxide Fumes can be scrubbed
- ❖ Corrosion Resistant
- ❖ Long Life
- ❖ System Performance testing
- ❖ Design considering Environmental Norms
- ❖ High ACPH Values can be obtained
- ❖ Customizable fume Hood Design
- ❖ System can be design for high static pressure
- ❖ Robust Aerodynamic design for ducting
- ❖ Structure up to stack height for perfect alignment



TECHNICAL SPECIFICATIONS

Capacity Range	5000 to 100000 CMH
Scrubbing Stream	Water Jet Type
Scrubbing System	Packed bed or Venturi type
Scrubbing Flow	Parallel or Cross Type
Static Pressure Range	50 mm to 500 mm of H ₂ O
MOC	PPGL+ FRP/PP
Stack Height	Upto 30 Mtrs from Ground level
Max Temperature	50 Degree Celsius
Fume Hood Design	Customizable according to environmental Norms
Blower Type	Backward Curved Centrifugal Blower

❁ CENTRIFUGAL BLOWER ❁

PRODUCT DESCRIPTION

The PP-FRP Blower is an efficient and reliable electric blower made from high-quality PP-FRP material. This blower is designed to provide medium and high pressure air flow to meet the needs of various applications. It is a durable and reliable product that is perfect for any industrial or commercial setting. The PP FRP Blower is available in white color and comes with a warranty for added peace of mind. The PP FRP Blower is designed with a powerful motor that can provide medium and high pressure air flow. The blower is made from high-quality FRP material that is resistant to corrosion and wear. It is also designed with a strong and durable construction that ensures its longevity. The blower is also designed with a low noise operation to ensure a quiet environment. The PP FRP Blower is perfect for any industrial or commercial setting as it is designed to provide medium and high pressure air flow. It is easy to install and maintain and comes with a warranty for added peace of mind. The PP FRP Blower is a reliable and efficient product that is perfect for any application.



TECHNICAL SPECIFICATIONS

Customisation	Yes
Size	As per capacity and Client
Color	As per Customers
Pressure	High Pressure
Power Source	Electric Blower
Voltage	380volts, 400volts, 415volts, 440volts
Capacity	Upto 85000M ³ /hr
Current Type	AC
Phase	3-phase
Motor Powe	upto-150
Frequency	50Hz, 60Hz
Temperature	Upto 85000M ³ /hr
Driven Type	Coupling, V-belt
Application	ACID,ALKALI AND TOXIC GASES, Chemical Industry, Acid, HF, Solvent, Sulphuric gas
MOC	FRP using various grades of resin like, Isophthalic (polyester),Vinylester, Bisphenol, Superior vinyl ester (Epoxy Novolac based) OR/ Dual Laminates like MS + FRP, PP + FRP, PVC + FRP, PVDF + FRP, ECTFE + FRP, PFA + FRP etc. We also offer in Metallic (MS / CS) and Stainless Steel.

❖ PACKED BED TYPE WET SCRUBBER & COLUMNS ❖

PRODUCT DESCRIPTION

Packed bed Scrubber are custom designed to capture sub-micron particulate matter, chemical fumes, odors, and other water / chemically soluble fumes and vapours generated in industrial process. All wet scrubber works on the principle of absorption technology, where the pollutants are made in contact with scrubbing liquid. The pollutants gets absorbed by scrubbing liquid either physical or by chemical means. The capturing efficiency of the scrubber can be increased by increasing the time of contact of flue gas with scrubbing liquid.

In packed bed scrubber we use rings, saddles etc. so called packing's to increase scrubbing efficiency. We supply counter flow (vertical scrubber) and cross flow type (Horizontal Scrubber) and multi scrubber arrangements based on site constraints and efficiency required. The sizing of scrubber, selection of scrubber solution, Material and inner lining is critical in designing wet scrubber for a particular application.

CCP had a strong team of consultants and engineers having deep knowledge in design and commissioning of scrubber across various industries contact us to assist you in selecting efficient and economical scrubber to your specific process and pollution control needs.

SALIENT FEATURES

- Highly efficient, durable & effective.
- Various Fumes & Gases like HCl, HBr, NH₃, SO₂, H₂S, Br₂, BF₃, CO, Cl₂, etc. is generated as byproduct gas during various chemical reactions.
- High ACPH Values can be obtained
- Corrosion Resistant
- System can be design for high static pressure
- Customized Design
- Long Life



TECHNICAL SPECIFICATIONS

Capacity Range	5000 to 100000 CMH
Scrubbing Stream	Water Jet Type
Scrubbing Flow	Parallel or Cross Type
Static Pressure Range	50 mm to 500 mm
MOC	FRP/PP/PP-FRP/MS/ SS (Any grade)
Temperature Range	900 Degree Celsius
Accessories	Centrifugal Fan, Stack/Chimney ,Ducting, Fume Hood, Volumetric Dampers, Manometers
Efficiency	Upto 99%

✿ DRY SCRUBBER ✿

PRODUCT DESCRIPTION

Adsorption Scrubber also called as dry scrubber uses Adsorption principle to trap pollutant molecules within its pores. Adsorption scrubber uses various chemically treated adsorption Medias for effective capturing of VOCs, and other odor's gas. Dry adsorption scrubber has less running costs, high initial cost and finds very useful treating small quantity of VOCs and odorous gases and in sites having no access to water and effluent treatment facilities. The amount of pollutants to be treated, the constituents in exhaust stream, its temperature, Humidity limits the usage of Adsorption type scrubber as an economical option. This System is generally used along with wet scrubber for completely removing wet and dry dust particles with mainly carbon filters as the primary filtration unit.

SALIENT FEATURES

- Finest Dust / Fume particles can be extracted easily.
- Designs considering environment norms.
- High ACPH Values can be obtained.
- Customized Design.
- System can be design for high static pressure.
- Durable and highly effective.



TECHNICAL SPECIFICATIONS

Capacity Range	5000 to 100000 CMH
Filtration	Carbon activated filtration , Bag filtration
Static Pressure Range	50 mm to 500 mm
MOC	MS/ SS (Any grade)
Temperature Range	900 Degree Celsius
Accessories	Centrifugal Fan, Stack/Chimney, Ducting, Fume Hood, Volumetric Dampers, Magnehelic Gauges ,Rotary air lock, FRL Units, Sequential Timer

✿ VENTURI SCRUBBER ✿

Venturi Scrubbers remove fumes, dust, solids and liquid particulates. Pollutants are removed by bringing gas stream and scrubbing Liquid into turbulent contact as they pass through a high velocity Venturi Throat Section and destroyed or absorbed. Capacity: 100m³/ hr to 100,000 m³/hr. Late matter industrial emission sources. They are commonly used to remove particulate matter (upto 0.1 micron) from exhaust gas stream which are corrosive, flammable, or which contain difficult to handle solids. The liquid phase is introduce into the throat of the Venturi either as a flow along the wall, which is then atomized by the gas flow, or more generally by nozzle atomization directly into the gas stream. The cleaned gas exits the cyclone vertically and the recovered liquid is returned to the sump for recycling.



❁ INDUSTRIAL CHIMNEY OR EXHAUST STACK ❁

PRODUCT DESCRIPTION

We have developed Industrial Chimneys with the integration of sophisticated technologies to make them highly suitable to get ventilation for hot flue gases or smoke from a Scrubber, Dust Extractor Bag Filtration Unit, Cyclone, Wet collectors, Boilers etc. to the outside atmosphere. These are generally installed to the flue gas stacks and are generally external structures, as opposed to those built into the wall of building. At the time of designing these chimneys, we do consider factors such as height and diameter, required amount of excess combustion air needed to assure complete combustion, material as per the specification of our clients.

Our range of M.S Self Supported Conical Chimneys are in great demand for their robust construction and broad opening with built from finest material available in the market. These are widely demanded for venting hot gases and height up to 30 meters.

SALIENT FEATURES

- Used for venting hot gases.
- Enables a smooth supply of hot gases.
- Design as per the environment norms.
- Pot hole sampling feature.
- Safety ladder up to 30 mtr height access.
- Spark arrestor with 30 mtrs earth strip and Aviation light for protection.
- Available in corrosion resistance.
- Structure stability certification.



TECHNICAL SPECIFICATIONS

Capacity Range	5000 to 150000 CMH
Stack Height	Upto 30 Mtrs from Ground level
Size Range	500 mm to 3000 mm
MOC	FRP/PP/PP-FRP/MS/SS (Any grade) with MS Support.
Accessories	Spark Arrestor, Safety Ladder, Sampling Platform, Aviation Light, Earth Strip, Foundation template

❁ INDUSTRIAL DUCTING SYSTEM ❁

PRODUCT DESCRIPTION

Industrial duct systems are used for supply or exhaust, are under positive or negative pressure, of heavy or light duty construction, convey clean and dirty airstreams, constructed of metal, plastic or fabric materials, and assembled together with flanges, clamps, slip fit or welded. Duct systems include straight lengths or sections of duct, transitions, elbows and bends, enlargements or contractions, hoods, discharge stacks, and hangers or supports.

Duct design if performed correctly allows conveying of all air and particulate without deposition of materials, at a design carrying velocity with minimal pressure loss and at reduced fan horsepower.

Industrial duct is typically round with flanged connections, with material thickness and reinforcement designed for system pressures. Gases and particulate in the airstream determine the materials of construction. As an alternative to a flanged and welded duct, a “clamp-together” style duct is often employed on applications where fast installation time and future system design changes are anticipated.

SALIENT FEATURES

- Follow designs set forth in INDUSTRIAL VENTILATION Manual of Recommended Practice ACGIH Latest edition.
- Heavy duty, durable and long-lasting.
- Selected for the known airstream constituents using the appropriate materials of construction.
- Designed for minimal pressure loss and low energy consumption
- Designed in customizable shapes as per requirement of site.
- Corrosion resistant ducting manufacturing which makes CCP different from others.

TECHNICAL SPECIFICATIONS

Capacity Range	100 mm to 3000 mm size
Shape	Rectangular/Round/Square/Oval
Size Range	500 mm to 3000 mm
Static Pressure	5 mm to 500 mm
MOC	FRP/PP/PP-FRP/MS/SS (Any grade) with MS Support
Accessories	Flanges, Elbows, Reducer, Support Structure, Dampers, etc.



CHEMICAL STORAGE TANKS, ✿ REACTOR VESSEL & PRESSURE VESSEL ✿

PRODUCT DESCRIPTION

We provide superior quality Thermo Plastic Fabricated Tanks in many Specifications depending upon the industrial applications like operating temperatures and storage median are functional requirements. These tanks are used at the places where medium for storage or caustic environment or less contamination is needed. Made of using high quality raw material these offer efficient results at extremely low maintenance cost.

SALIENT FEATURES

- Available in Cylindrical, Square, Rectangular and Conical Shapes.
- Multi-functional Tanks can be used as Storage, Reactors, Vessels, Dosing Tank, Dilution Tanks and Mixing Units.
- Designed in customizable shapes as per requirement of site.
- Corrosion resistant Tanks manufacturing which makes CCP different from others

TECHNICAL SPECIFICATIONS

Capacity Range	0.5 KL to 600 KL
Shape	Rectangular/Square
MOC	FRP/FRVE/FRB/PP-FRP/PVC/PP/MS-FRP/PPH, PVDF, PFA, ECTFE, Moulded Construction, etc.
Size	500 mm to 5000 mm (L X B or D), 8000 mm (H)
Accessories	Flanges, Nozzles, Manholes, Level indicators, Lifting Lugs, Name Plate



FRP PIPE AND FITTINGS

CCP FRP Pipes are made out of Fiber Glass & Resins. It combines the extremely high ultimate strength of Fibreglass with the corrosion and media resistance of the resin. They are being manufactured on Fully Automatic CNC Filament Winding Machines and fully automatic CNC dual helical filament winding machine and continuous filament winding machine.

Capacity	DN-15mm to 2800 mm PN- upto 30 Bar Temp. Upto 120 °C
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CCP Pipes & Fittings are designed for specific applications as per relevant ASTM, BS, API, & DIN standards. They can be manufactured by hand layup and filament winding methods. The pipes & fittings can also be offered in dual laminate structure. CCP pipes & fittings possess high mechanical properties hence can be operated in high pressure or vacuum conditions.

MATERIAL OF CONSTRUCTION

FRP using Resin system of Isophthalic, Bisphenol, Vinylester, Superior, Vinylester and Epoxy. CCP follows design standards like ASTM D 2992, 3517, 3681, BS 5480, and AWWAC 950.

MATERIAL OF CONSTRUCTION

FRP using Resin system of Isophthalic, Bisphenol, Vinylester, Superior, Vinylester and Epoxy. CCP follows design standards like ASTM D 2992, 3517, 3681, BS 5480, and AWWAC 950.

ADVANTAGES

Light weight Corrosion Resistance Longer Service Life- High Hydraulic Efficiency High Temperature Resistance High Resistance to Surge Pressure Non Toxic-Low Thermal & Electrical Conductivity & Lower life cycle cost.



❖ PIPELINE WORK ❖

CCP is engaged in **Supplying, Fabrication, Jointing, Erection, Laying, Commissioning and Hydro-Testing** a wide range of HDPE, PVC, UPVC, CPVC, PP, PPR, PVDF, PPH pipes and pipe fittings.

Our unmatched expertise enables us to serve our clients with utmost accuracy than our industry competitors. Within in a decade only, we have established ourselves as a reliable and worthy supplier of plastic pipes and fittings.

We ensure that the quality of our range meets the requirements of our clients. Further the expertise of our team as well as superior infrastructural setup ensures that our assortment is precision finished and meets the exacting requirements of our clients. These pipes and fittings are conform to various national and international quality standards.



❖ ANTI CORROSIVE LINING ❖

FRP LINING

FRP Coatings & Linings (Fibreglass Reinforced Plastics) is a superior coating and lining system formed by thermosetting resins and fiberglass to raise durability and safety by lining inside of piping systems, chemical storage tanks, cooling towers, and other types of industrial process equipment. In a lot of applications, FRP coating provides superior performance over other materials. When a polyester resin is used in combination with fiberglass, the coatings lifetime becomes longer and becomes much more corrosion resistant.

The GRP Coating method has a separate place in accordance to other insulation applications and demonstrates its superiority by utilizing a hand lay-up method with the use of unique roller brushes. This type of manual FRP coating system can be used out in the field safely, which requires more corrosion resistance and chemical acid resistant.

The FRP Lining and Coating that we manufacture is used abundantly in industries for a variety of purposes. FRP has several advantages that make it perfect for the unfriendly and hostile conditions of an industrial environment: weather proof, non-corrosive, impact resistant and fire retardant. FRP is also resistant to chemicals (free from acidic, environmental and alkaline corrosion). That is why tanks that are used to store chemicals are lined with FRP. Our FRP is also leak proof and corrosion resistant. The material is excellent for fabricating rooftops and lining metal tanks. The FRP lining that CCP. supplies for industrial purposes are highly capable of resisting adverse conditions. Our FRP linings are of exceptional quality and are available at budget-friendly prices. For its properties of chemical resistance, leak-proof or UV Proof, FRP lining and coatings are usually applied on an original substrate such as concrete, different types of steel, PVC, PP, PVDF, PE, EPS or any kind of thermoplastic. Underground steel tanks will need an external protection barrier to help protect itself from the weather or acidic environment. The FRP raw material applied in the lamination of lining and coating depends on the site conditions or as per customer specifications.

Advantages of FRP Lining

- Service solutions finding wide usage in mineral processing and chemical processing industries.
- Providing suitable safety from chemicals that are very corrosive to materials of construction.
- Provide for suitable safety to tanks, process vessels and piping structures.
- Fiber reinforced (FRP) linings offer excellent chemical resistance and require minimal maintenance.
- Linings can additionally provide outstanding abrasion resistance.
- Can be applied as a lining on concrete or steel structures.
- Suitable to be used for waterproofing of above-ground structures. / Highly flexible waterproofing membrane.
- Can also be used on traditional flat/sloping roofs and podium decks.
- Solutions delivered provide for seamless protection.



PPG LINING

PPG lining has good resistance against acids, Alkalis and certain chemicals under specific concentrations and temperatures. PPG sheets are fused on back side with a glass woven fabric at high temperature. This in line bonding gives the PPG sheets excellent bond strength. It protects civil structures against erosion from corrosive chemicals. It is useful in ETP, DM water plants and on concrete floors where different chemicals are used. Available in 2mm thickness and 1.5x10 meter length.

High Build, Solvent Free, Chemical, Solvent, Acid, Alkali Resistant, Severe Service, Epoxy coating.

100% solids system High functionality Novolac resin with a uv & moisture tolerant advanced cycloaliphatic curative Outstanding resistance to both concentrated mineral acids (98% Sulphuric, 33% Hydrochloric, Aqua Regia...) as well as organic acids (Acetic acid, Fatty acids...) and also concentrated oxidizing acids (50% Nitric acid, 80% Hydrofluoric Acid, EDC). Hard wearing surface, seamless protection of concrete.... Traffic grade useable, low maintenance coating.... Can withstand low motor traffic as well as plastic/ rubber wheel traffic.



ACID RESISTANT BRICK LINING

It is the most suitable lining system for corrosion protection in major chemical and fertiliser industries. Acid proof bricks in different sizes, colours and thickness are available. It is bedded and jointed with suitable acid proof mortars.

ACID RESISTANT TILE LINING

This lining system is generally used in Battery rooms, Flooring, Drainage systems etc. AR tiles are available in different sizes, colours and thickness. These tiles are bedded and jointed using suitable mortars.



RUBBER LINING

Of all the Corrosion Resistant Lining Systems, Rubber Lining is most popular because of its versatility and ease of application. The elasticity of Rubber is an advantage for combating abrasion and impacts and it can readily accommodate expansion and contraction due to fluctuation in temperature. Variety of grades of Rubber both in Natural and Synthetic category are available to suit specific medium of application, pH value, temperature, abrasive nature e.g. Butyl, E.P.D.M., Polychloroprene, N.B.R., Hyplone, etc. We will mutually select the type of Rubber and the thickness of lining best suited for your operations and carry out the work as per the provisions of IS.



ANTI-CORROSIVE COATING

This coating system is especially for the exterior surface of chemical storage tanks, MS structures, Reactors, Vessels etc. This system is available in chlorinated coating, silver zinc coating, zinc phosphate coating, red-oxide coating polyurethane coating and epoxy coating. It is resistant to acidic fumes and provides protection from environmental corrosion.



PVC FLEXI VINYL LINING

AN ACID AND ALKALINE RESISTANT HIGH TEMPERATURE PVC DESIGNED FOR PRIMARY AND SECONDARY CONTAINMENT APPLICATIONS.

CCP PVC is a premium PVC liner formulation that offers greater chemical resistance and higher temperature ranges than standard PVC. CCP PVC liner has very high acid, alkali, and salt resistance and has a constant operating temperature of 180°F. CCP PVC liners have been used with great results in plating tanks, chemical process tanks, storage tanks, and waste treatment applications.



✧ FLOORING ✧

EPOXY FLOORING

Epoxy flooring is a highly durable and customisable flooring solution that is created by combining two main components: epoxy resin and a hardener. The epoxy resin acts as a binder, while the hardener provides strength and stability. When these two components are mixed together, a chemical reaction occurs, forming a rigid and durable surface. But what is epoxy flooring used for? Epoxy flooring can be applied to various substrates such as concrete, metal, and wood. It is suitable for a wide range of applications from epoxy flooring for home use to industrial use. This system has uses in many industries like dairy, aviation, sugar, textile, auto mobile and especially in pharmaceutical plants.



PU FLOORING

Polyurethane Floors are an alternative to epoxy flooring. They can be either one-component (moisture curing) or two component when they cure as a result of mixing two components together. The most common forms of polyurethane flooring are : Roller and squeegee applied Floor Coatings. Clear coats used to protect surfaces from scratching. Varnishes for wooden floors , Thicker floors applied with a trowel at a thickness of 2-3 mm Cement based polyurethane floor often applied at thicknesses up to 1cm Compared to Epoxy Floors, they tend to be softer and have a higher elasticity.

EPOXY GROUTING

Grout is a three-component, high performance, high precision, low exothermic, pourable, solvent-free epoxy grouting system. For use at ambient temperatures between +10 °C to +35 °C. USES Grout may only be used by experienced professionals. High-strength grouting and fixing of : • Starter bars • Anchors • Fasteners • Tie rods • Crash barrier posts • Fence and railing posts Under-grouting and bedding of : • Base plates Machine bases, seat base plates for light and heavy machinery including heavy impact and vibratory machinery, reciprocating engines compressors, pumps, presses etc. • Bridge bearings • Mechanical joints (i.e. road / bridge / deck types etc.) Sleeper-less, direct rail fixing of : • Crane tracks • Light rail and permanent way in tunnels • Light rail and permanent way over bridges.

EPOXY SCREEDING

- Epoxy Resin Screed is typically applied at thicknesses between 2mm 3mm for self-smoothing and 4mm 6mm for trowel applied systems.
- They provide a hard wearing floor surface with excellent chemical, impact and abrasion resistance, and are widely used in Engineering, Manufacturing, Print, Pharmaceutical, and Warehouse and Distribution environments.
- Suitable for use in a variety of industrial and commercial areas, epoxy resin screeds are hygienic, easy to clean and maintain.
- Available in a variety of colours, the smooth surface of the self-smoothing flow applied screed can be textured to improve slip resistance by adding suitable aggregates into a seal coat once the screed has cured.

✧ WRAPPING & COATING ✧

Hot and Cold Wrapping Coating Tape are Bitumen, Butyl and Coal Tar based Pipe coating tapes manufactured from high, special grades of tar that are calendared along with high strength carriers. Tar has tremendous resistance to aging and has an incredible mechanical property which makes such tapes an excellent anti-corrosive treatment for MS Pipe lines and other structures. Polymeric Pipe coating tapes are manufactures using Polymeric mix that is calendared between various tapes of high strength. The resulting tapes have excellent flexibility and elasticity to provide long lasting and effective protection from corrosion.







OUR ESTEEMED CLIENTS



CORRO

CHEM PLAST

“PERFECT SOLUTION AGAINST CORROSION “

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