

ChemTechTM
Engineers
Sustainable Chemistry

CHEMTECH ENGINEERS

A Developer of High Performance Specialty Chemicals and Coatings in the following areas:

- ANTICORROSIVE COATINGS
- MAINTENANCE AND REPAIR COMPOUNDS
- METAL AND CERAMIC PUTTIES
- HIGH PERFORMANCE WATERPROOFING CHEMICALS
- CONSTRUCTION CHEMICALS & FLOOR COATINGS

Our team of technical specialists have decades of experience and expertise in **DESIGNING** and providing high performance, durable and innovative solutions for **HEAVY ENGINEERING, INDUSTRY CONSTRUCTION, CIVIL ENGINEERING, INFRASTRUCTURE COSTAL & UTILITIES PROJECTS** and amongst many others.



Whatever your project may be, we have the specialist products, expert knowledge & technical expertise to assist.



ANTI CORROSIVE COATINGS

Chem Glass Series, a wide range of anticorrosive coatings for protection of equipment, metal structures, and concrete structures against the harsh environment, whether it be seawater or acidic conditions. Chem Glass protects your equipments and extends their lives.



METAL REBUILDING & REFURBISHMENT

Chem Tel Series, a unique blend of Polymer Metallic Powders and Ceramics to protect & Refurbish all Vital components of all heavy industry to run plant efficiently and have minimum downtime.



FLOOR COATINGS

Chem Floor Series, Advanced polymer blends that offers a Monolithic, tough hygiene antimicrobial, anticorrosive coating that are useful for floor handling chemicals to highly sophisticated hygienic coatings at hospitals and commercials kitchen to food processing industry, that offers high durability.



CONDUCTIVE, ANTISTATIC (ESD) AND INSULATING COATING



ANTI CORROSIVE COATINGS

HIGH PERFORMANCE ANTICORROSIVE COATINGS

Corrosion can have many devastating effects and these effects affect the safe, reliable, and efficient operation of structures and equipment far more than a simple loss of metal. There may be various types of failures and the need for expensive replacements.

1) HIGH PERFORMANCE GLASS FLAKE REINFORCED COATINGS



◆ ChemGlass 1000 CRC

A specially designed two component system that withstands from sea water corrosion.

ChemGlass is ideal for repairing and rebuilding pumps, tube sheets, water boxes, valves, impellers/propellers, tanks, pipelines, and decks.



◆ ChemGlass 3000 CRC

Highly resistant from moderate to high acidic conditions.

Ideally suited for Tank linings, Municipal waste treatment plants, Water treatment plants, Pipe linings, Oil production facilities, Chemical processing plants, etc.



◆ ChemGlass 5000 CRC

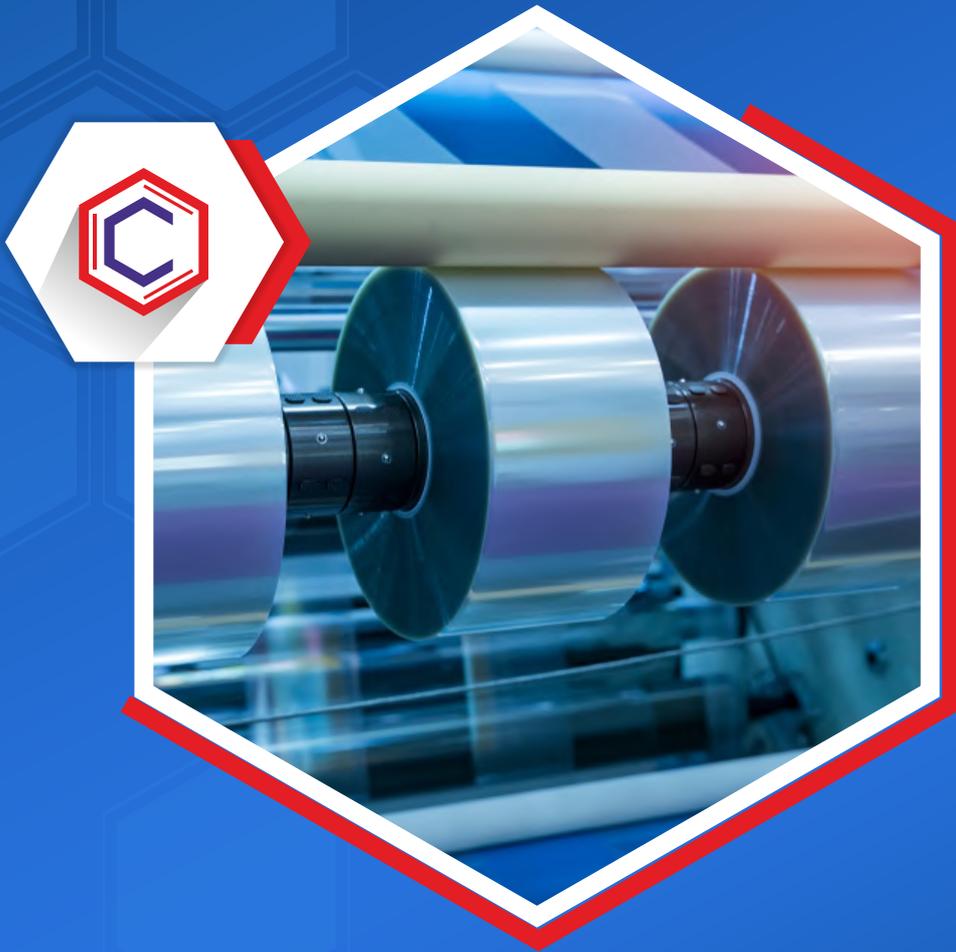
Corrosion resistant coating with high temperature resistance up to 200 degrees celsius and extremely low permeability to concentrated acids and aggressive solvents.

Typically used in Chemical pump pads, Drum storage areas, Chemical storage tanks, FGD ducts, Bag house, Pipes, etc.



◆ ChemEpoGlass

High Build Epoxy Glassflake coating for all your structural requirement for C3 to C5 Environment , Marine Off Shore On Shore structure, Industrial corrosive gaseous environment and Many More.



METAL REBUILDING & REFURBISHMENT

HIGH PERFORMANCE POLYMER & CERAMIC COMPOSITES

Maintain and repair equipment with polymer and ceramic composites that resist wear and tear due to demanding conditions.

Coatings and repairs for Non-metallic surfaces like ceramics, rubber, concrete and non-weldable metals. Best suitable for thick, thin or fragile sections, without volatile components or halogens.

Advantages:

- Forms Monolithic Surface
- Minimum Downtime
- Applicable to Intrinsics Shapes, Size & Geometries
- Wide range of Temperature
- Improves Health & Safety

Industry We Serve:

- Cement Plants
- Powder
- Steel Plants
- Sugar Plants
- Fertilizers
- Paper
- Chemical
- Utilities
- Coastal Structures
- Environments & many more

Application

- ☑ Chutes for Clinker
- ☑ On Line Leak Sealing
- ☑ Shaft Keyways
- ☑ Flanges
- ☑ Ash Handling Pipes & Valves
- ☑ Spiral Chutes
- ☑ Sand Pumping Equipment
- ☑ Coal Pulverizes
- ☑ Mill Bodies
- ☑ Separators Pipe Elbows
- ☑ Cylinders Fans
- ☑ Pump Impellers Casing & Compressors



◆ Chem-RapidMetal

An indispensable tool for maintenance teams, Chem-RapidMetal is a rapid curing metal repair compound that restores machinery and equipment within minutes. Resistant to transformer oil and many chemicals.

Application: Leak sealing repair of pipes, tanks, radiators & threaded fittings.



◆ Chem-XtremeMetal

All types of mechanical rebuilding and repair can be done with Chem-XtremeMetal. It adheres to all surfaces and is completely machinable after curing.

Application: Worn or damaged shafts, oversize bearing housings, cracked casings, cracked engine blocks, distorted flange faces, sloppy keyways, scored hydraulic rams, irregular matting surfaces.

A must for casting defects and OEM application.



◆ Chem-MetalBuild

A high quality synthetic metal two-component trowel-able compound for re-building all types of eroded/corroded fluid flow equipment, such as pumps, tube sheets and water boxes.

Application: Diffusers, kort nozzles, struts/rudders, heat exchanger, valves, impellers/propellers, tanks, blow thrusters & piping.



◆ Chem-MetalBuild BC

Chem-MetalBuild BC, a brushable high strength PolyCeramic compound that protect industrial equipment against abrasive and erosive wear. Chem-MetalBuild BC can be applied on Chem-MetalBuild as final coat. It Provides frictionless smooth glossy coat.

Application: Pump casing impeller, repair of heat exchanger tubsheets & condenser, lining chutes & tanks, resurfacing rudders.



◆ Chem-MetalGlide

A two component environment friendly high solid lining compound designed for low friction characteristics due to its low contact angle with the environment. Product enhances fluid handling efficiency.

- ◆ Application: Pump casings & impellers, heat exchangers, valves, tanks, tube sheets, gypsum handling hoppers conveying equipment.



◆ Chem-ArmaShield

Chem-ArmaShield is a polyceramic bead made from highly purified Aluminum Oxide, which is over 9 on the MOHS Scale of hardness. This environmental friendly, high solid lining compound has low friction characteristics due to its low contact angle with the environment. It enhances fluid handling through its low contact angle.

Application: Mining operations, hoppers, ash handling pipes & valves, slurry handling equipment, etc.



◆ Chem-DuraBuild

It is for outstanding resistance against abrasive wear with excellent adhesion & toughness, with a hardness comparable to diamond & non-grindable, and provides excellent resistance to wet acidic conditions.

Application: Hoppers, lining large pump housing in coal fired power plants and paper mill, mining operations, etc.



◆ Chem-Flex

An easy and most sophisticated way to repair and rebuild flexible components, Chem-Flex forms a tough elastomeric repair with no shrinkage of elastomers. It has unmatched tear strength and superior elastomeric properties. It can be used on a variety of surfaces such as metals, concrete, wood and rubber.

Application: Conveyor belts, hoses, rubber rollers, rubber impellers, flexible ducting, non-highway tyres, chutes, hoppers and valves.



FLOOR COATINGS

HIGH PERFORMANCE FLOOR COATINGS

Exceptionally strong concrete sealers are designed to withstand extremely tough environments, such as in the heavy engineering facilities, food processing facilities, hospitals, commercial kitchens, schools, fire stations, factories and industrial warehouses.

System We Design:

- Chemical Resistant
- Abrasion Resistant
- Impact Resistant
- Conductive
- Antistatic Coatings
- Slip Resistant

Our Product Features:

- Monolithic
- Installed with little down time
- Sanitary & easy to clean
- Hygiene & Antimicrobial
- Exceptional Durability
- Value for your money



● ChemGuard - FCS (Series)

- ✓ High abrasion resistance SEAMLESS Coating
- ✓ Handles vehicular traffic
- ✓ Resistance to oil spill & shop floor chemicals
- ✓ General use system
- ✓ From thin applications to heavy duty mortars
- ✓ High performance versatile system
- ✓ Tough & resistant to shocks & impact
- ✓ High abrasion resistance



● ChemGuard - HYC (Series)

- ✓ Capable of withstanding extreme commercial kitchen environments
- ✓ Helps in keeping atmosphere hygienic
- ✓ Slip-resistant & Designer Floorings



● ChemGlass 3000-FCS

- ✓ For aggressive chemicals (conc Acid & Alkalies) in water treatment facility production plant where highly reactive chemicals are present High chemical resistance



● Chem Dura Floor

- ✓ Attractive & slip-resistant floors
- ✓ Contribute to a build positive educational experience.
- ✓ Variety of color options
- ✓ Easily cleanable

Application

Grocery, Retail, Museums, Shopping Malls, Office Complexes, Wholesale Showrooms, Conventional Centers



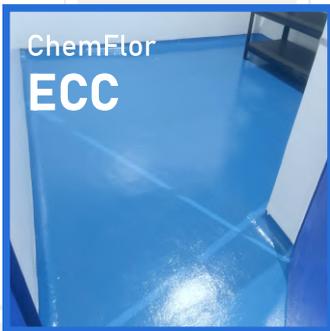
CONDUCTIVE, ANTISTATIC (ESD) & INSULATING COATING

HIGH PERFORMANCE CONDUCTIVE & ANTISTATIC (ESD) COATINGS



◆ ChemFlor - EDC

A ChemFlor - EDC is an electrostatic dissipative coating system that imparts stable electrostatic dissipative concrete surfaces.



◆ ChemFlor - ECC

Concrete floors can be coated with an electrically conductive coating system to enhance their conductive properties.



◆ ChemFlor - 3000 ECC

Anticorrosive coating system for floors exposed to acids and corrosive chemicals. Coatings provide double advantage of acid resistance and conductivity.

Conductive & Antistatic (ESD) Coatings

Application

- ☑ Avionics & Electronics Facilities
- ☑ Semiconductor Manufacturing Plants
- ☑ Telecommunications Buildings
- ☑ Sensitive Device & Parts Storage
- ☑ Floor Exposed to Acid & Solvent of Explosive Industry
- ☑ Plastics & Rolled Goods Converters
- ☑ Medical Facilities & Clean Rooms
- ☑ Explosives & Munitions Buildings
- ☑ Hazardous Powder Facilities
- ☑ Operating Rooms, MRI, CT Scan, ICU rooms of Health Care Facilities

Features

These coatings provide seamless, monolithic surfaces that are safe to use and reduce the harmful effects of static charges.

HIGH PERFORMANCE INSULATING COATINGS

The Chemsulate Coating System is specially designed for electrical insulation. With superb adhesion to metallic and non-metallic surfaces, Chemsulate forms a nonporous film with excellent mechanical, thermal and electrical insulating properties.



◆ Chemsulate - 11

Chemsulate - 11 is a Polymeric Coating for Insulation up to 11KV.



◆ Chemsulate - 33

Chemsulate - 33 is a Polymeric Coating for Insulation up to 33KV.

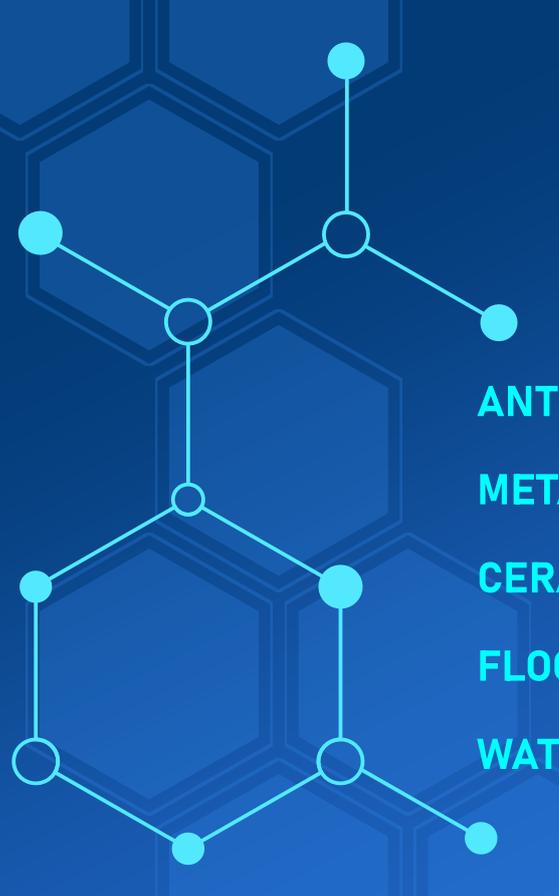
Ideal for Power Distribution, Railways, Prevents Flashovers, Downtime & Equipment Damage

Application

- ☑ Control panel rooms
- ☑ Naked Conductor, Bus Bars, Bus Support Insulators, Electrical Insulator Ends, Metal Support Structures, Bushing & Potheads FRP Barrier Boards.

Features

- ☑ Easy to take circuit breakers trolley out, no headache of removing the same rubber matt.
- ☑ Available as per customer requirement & not as per manufacturing.
- ☑ Easy to clean, washable /aesthetics looks.
- ☑ It withstands oil, acid resistance & water proof.
- ☑ Repair cost will be minimum with same kind of safety.
- ☑ Can be applied on any surface on MS, concrete.
- ☑ Suitable for both AC/DC installations.
- ☑ Good flexibility & high BDV.



ANTI CORROSIVE COATINGS

METAL REPAIR COMPOUND (METAL PUTTY)

CERAMIC COATING

FLOOR COATING

WATERPROOFING & CONCRETE ADMIXTURE



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Engineers**
Sustainable Chemistry



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