



DEMECH
C H E M I C A L

Floorings

- ACID / ALKALI RESISTANT FLOOR
- INDUSTRIAL FLOORING
- HYBRID POLYUREA – URETHANE FLOOR
- INSULATION FLOOR
- BATTERY ROOM FLOOR



The Company

DEMECH CHEMICAL PRODUCTS PVT.LTD., an ISO 9001:2008 accredited company began its operations in 1993 in collaboration with Fel-Pro products Inc. USA.

Our well qualified R&D Members, Production Staffs and Team of well trained & skilled Technicians offer turnkey solutions to our customers. We are well equipped to offer solutions to our customers because of the in-house facilities & expertise right from developing the formulations till manufacturing and execution of projects under one roof.

Company started manufacturing monolithic flooring systems in 1999 and since then has executed various flooring applications in Railways, Ordnance Factories, Automobiles, Pharma, Steel Plants, Power Plants, Cement Plants, Food Industry etc.

Our Strengths

- Well equipped laboratory
- In house R&D facilities
- Modern manufacturing facilities
- Qualified and experienced execution team
- Latest Testing equipments
- Modern equipments to do applications on site
- Approvals from well known consultants like **EIL, UHDE, MECON.**

Key Features

1. Monolithic seamless coating - Eliminate entry of acid/alkali through joints.
2. Hard surface abrasion resistant.
3. Smooth & uniform layer - dustfree environment. house keeping is easy.
4. Easy to repair the damages - simply applying by brush or notch trowel or roller.
5. High compressive strength with good impact and scratch resistant property.
6. Quick & easy application methods.
7. Compatible to any substrate like concrete, kota tiles, metal surfaces, etc

ACID / ALKALI RESISTANT FLOOR

Acid / Alkali resistant Floor is a 100% solvent less coating system which offers excellent chemical and corrosion resistance properties. This 3 component high build system with heavy duty impermeable chemical resistant barrier is suitable for metal and concrete surfaces. The cured product is excellent to chemical resistance in immersed condition.

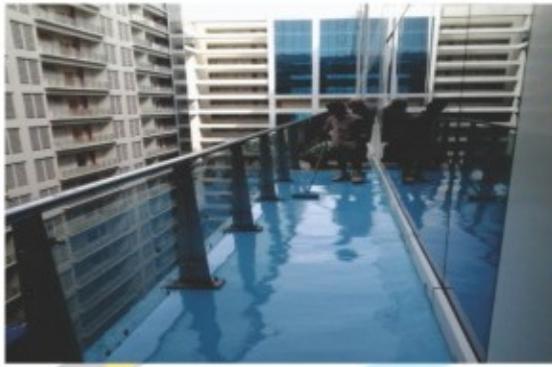
Recommended Applications

Neutralization Pit / Drains, Pedestal/Foundation, Detergent and Soda Ash plants floors , Flooring in Petrochemicals / Fertilizer plants, Prilling Tower & Urea Bagging Plant, Acid Handling Pump Foundations, Bulk Acid Tanks & Floors, DM Plant Area, Chemical Storage Dykes

Advantages

- Excellent resistance to undercutting and cathodic disbondment.
- Excellent Acid / Alkali Resistance.





INDUSTRIAL FLOORING

Industrial Flooring is a 100% solid high build system which can be applied directly on concrete or on the prepared epoxy primed substrate. It provides an extremely hard wearing and moderate chemically resistant, seamless floor coating surface with its ultra smooth finish and offers an excellent appearance to working floors with an ease of cleaning. This system is available in a wide range of shades for application throughout industrial floors and commercial complexes.

Recommended Applications

Manufacturing / production shop floors, Industrial workshops, Aircraft hangars, Vehicle show rooms / Service centers, Railway Workshops, Pharmaceuticals, Turbine Floor, CRM Shop Floor

Advantages

- Quick and easy installation of floor
- Monolithic seamless finishes for pharmaceuticals, hospitals, clean rooms etc.
- Super flat surface profile suitable for air castor movements
- Solvent free • Non-shrinking • Good impact & scratch resistance
- Available in wide range of colors



HYBRID POLYUREA-URETHANE FLOOR COATING

In technical collaboration with Kemica – France, we bring a new generation technology of Hybrid Polyurea-Urethane products, for High performance applications on Metal / Concrete

Hybrid Polyurea – Urethane is a high-build, fast-set , elastomers provide significant protection to various concrete substrates.

Due to fast reaction time Hybrid Polyurea-Urethanes, do not easily react with humidity and moisture in substrates, so the material can be readily applied over cold or damp substrates.

Recommended Applications

Warehouses , Parking Lots , Malls and Shopping Centers , Chemical Manufacturing Plants, Oil Rigs and Refineries , Food Processing Facilities ,Airports & Airplane Hangars, Military Bases , Residential & Commercial Garage Floors , Showrooms , Laboratory Floors, Wet Rooms , Nuclear Power Plant Flooring , Laboratory Floors , MTA Plants.

Advantages

- Radiation Resistance
- Chemical Resistance
- Can be applied upto 25mm thickness
- Excellent concrete crack bridging ability
- Resistant to various chemical (pH 1 to 13)
- Provide Waterproof seamless membrane



INSULATION FLOOR

Insulation flooring is a 100% solid high build flooring system which can be applied directly on concrete floors or on the prepared epoxy substrate. It provides an extremely hard electrical insulating seamless floor coating surface. This product can be applied for structures, metal substrates as electrical insulation.

Recommended Applications

Control Rooms, Instrumentation Rooms, Electronic Industry Assembly Lines.

Advantages

- Excellent electrical insulation properties
- High Voltage breakdown
- Resistant to electrical leakages
- Chemically resistant – withstands chemical attack
- Super flat surface profile – suitable for air caster movement



BATTERY ROOM FLOOR

Battery room flooring is a specially developed protective coating offering excellent acid resistance on concrete surface. This three component product once coated over the duly prepared surface provides a long lasting anti-corrosive layer, thus protecting the base substrate from corrosion and chemical attack

Recommended Applications

Battery Room Floor

Advantages

- Excellent resistant to acids and alkalis
- Excellent compressive strength makes it suitable for heavy-duty industrial use.
- User friendly self leveling property eases the application and assists for fast completion – minimal down time



Our Other Products

- Glassflake Coatings • Chemical Resistant Coatings • Foodgrade Epoxies
- Fire Retardant Coatings • Ceramic Coatings • Cold Welding Products



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