



DEMECH
CHEMICAL



Protective COATING

Protection of your Assets

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.

Key Features

- Wide range is available for pot life in seconds to 30 minutes.
- Excellent chemical resistance
- Excellent physical and mechanical properties
- Non-toxic
- Flexible
- Extremely low permeability

Our Strengths

- 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.**

CHEMGUARD

CHEMGUARD is a specially developed Vinylester base coating offering excellent chemical resistance and suitable for many coating applications in chemical industries. It is also used in aggressive atmosphere and spillage conditions.

Advantages

- Resistant to salty atmospheric weather even at high temperature
- 100% solids
- Excellent resistance to Concentrated acids / alkalis pH (2-10)
- Good resistance with solvents and hydrocarbons
- Excellent resistance to Aggressive chemicals / Concentrated Acids & Alkalies.



Recommended Applications

- Internal coating of Chemical tanks like demineralised water tanks, molasses tanks, effluent treatment plants etc.
- Coating of structures, beams, channels exposed to aggressive environment.
- Coating of any equipments coming into contact with strong corrosive chemicals.

KOROGUARD®

KOROGUARD® is a specially developed epoxy based high performance anti-corrosive coating with excellent chemical, acid and alkali resistance. The product is completely free from volatile ingredients and is suitable for variety of substrates like Mild Steel, Concrete etc. The specialty coating system when applied by brush or spray over the duly prepared metal/ concrete surface provides a long lasting anti-corrosive layer thus protecting same from corrosion and chemical attacks.

Advantages

- Non shrinking
- Chemical resistant
- 100% solid epoxy system, complete absence of volatile ingredients
- Higher dry film thickness

Recommended Applications

- Coating of tanks of Demineralised water, Molasses, Neutralization pits etc.
- Coating of gates submerged in water
- Coating of structural beams, channels, pipelines etc. exposed to aggressive environment



KOROGUARD® 20 (Foodgrade)

KOROGUARD® 20 is a specially developed epoxy based high performance **food grade coating** with excellent resistance. The product is completely free from volatile ingredients and is suitable for variety of substrates like Mild Steel, Concrete etc. The specialty coatings non taint and low odour properties make ideal for use in food manufacturing areas. KOROGUARD® 20 has been certified by the **CFTRI Mysore**.

Advantages

- Passing US FDA specification from CFTRI
- 100% solid epoxy system
- Higher dry film thickness
- Non taint to food stuff

Recommended Applications

- Food processing plants
- Pharmaceuticals.
- Beverage production plant
- Hospitals & Dairies



KOROGUARD 10 (Antifungal)

KOROGUARD 10 is a highbuild epoxy coating for protection against Algal, Fungus and Bacteria in immersed condition. This product is applied on metal and concrete substrates to prevent bio ingredient growth.

Advantages

- Offering excellent resistance against fungus and bacteria
- Good chemical resistant
- Solventless highbuild epoxy coating

Recommended Applications

- Painting of Hospitals / Operation Theatres / Pathological Laboratories
- Area storing surgical equipments
- Protection of Diagnostic Centers / Mushroom Cultivation areas / Food Industries / pharmaceuticals industries, manufacturing areas / Cold Storage Rooms etc.
- Suitable for Clarifier Tanks and Cooling Water Basins.



ACIGUARD

ACIGUARD is a single component fast drying coating resistant to chemicals, ozone, oxidant, outdoor air, strong acids and alkalis. The cured flexible coating has good chemical and weather resistant properties. It can be applied on metal and concrete for resistance of algal and bacteria growth and ionic radiation. It is suitable up to operating temperature 130°C at dry conditions.

Advantages

- Resistance to strong acids and alkalis
- Excellent resistance to Abrasion and mechanical abuse
- Heat resistance to 130°C in dry conditions
- Excellent UV and weather resistance
- Suitable to Steel, Concrete Substrates



Recommended Applications

- External coating of tanks, pipes, structures and other equipments in chemical industry, fertilizer industry, pulp & paper industry, mines, and other processing industries
- DM Plant structures
- Chemical fumes exposing structures

MULTIGUARD

MULTIGUARD is a specially developed Epoxy paint for providing excellent corrosion resistance on all metal surfaces like mild steel, Alloy Steel, cast iron etc. The coated cured film on duly prepared metal surface provides a long lasting anti-corrosive layer thus protecting the base substrate from corrosion and weather resistance. MULTIGUARD has been certified by the **CFTRI Mysore**.

Advantages

- Excellent corrosion and weather resistance.
- Excellent protection of metals in acid / alkali corrosive atmosphere
- Good durability in offshore conditions



Recommended Applications

- External Coating of tank such as D.M. Water, Molasses etc.
- External Coating of Pipelines
- Coating of structures, beams, channels, etc.

MULTIGUARD PU (UV RESISTANT)

MULTIGUARD PU is specially developed polyurethane paint providing very good UV and anti-corrosive resistance on all metal surfaces like mild steel; alloy steel, cast iron etc. The product once coated by brush or sprayed over the duly prepared metal surface provides a long lasting anti-corrosive layer thus protecting the base substrate from atmospheric corrosion. This UV resistant coating is highly recommended for exterior applications. As Multiguard PU top coat is glossy and resilient, it is heavily used in industry where aesthetic appearance is required.

Advantages

- Excellent UV Resistance & gloss retention product
- Excellent corrosion resistant in corrosive atmosphere
- Good durability in offshore conditions
- Good compatibility with various Epoxy, PU Primer and Top coats.



Recommended Applications

- Coating of tanks, structures, beams, channels etc in various industries
- Coating of industrial equipments and finished products



Demech Chemical Products Pvt. Ltd.

T - 77, M.I.D.C. Bhosari Industrial Eastate, Pune 411026 [India]

Tel. : +91-20-4077 5500 • Fax : +91-20-40775528

Email : marketing@demechchemical.com

www.demechchemical.com