



FINE FINISH ORGANICS PVT. LTD.

Excellence In Innovation

CONSTRUCTION CHEMICALS

OUR PRODUCTS & SERVICES :

- Epoxy Coating
- Acrylic Finishing Painting
- PU Coating
- Mechanical Testing
- Epoxy Self - Levelling Flooring
- Mechanical Testing
- Epoxy Injection Compound
- Thermal Testing
- Water Proofing & Structural Repairs
- Chemical Testing
- Repair, Retrofitting & Strengthening
- Epoxy Waterproofing Compound
- Protective Coating
- Electrical Testing
- Wall Coating And Industrial Flooring
- Failure Analysis Of Polymer Composites
- Coatings For Potable Water Tanks

OUR PRODUCT PORTFOLIO :

INSULATING RESINS & VARNISHES

- * Air-drying & Baking Varnishes
- * 1k & 2k Resins
- * Suitable for trickle
Hot Roll -dip, VPI, etc

EPOXY RESINS & HARDENERS

- * Epoxy Resin Systems For HV
Applications
- * Defense & Space Applications
- * Composite Sporting Goods

ELECTRONIC POTTING COMPOUNDS

- * Conformal Coatings
- * Epoxy & PU Potting
Compounds

ADHESIVES

- * 1k & 2k Adhesives
- * Adhesives for Electrical,
Composite & Construction
Industries

WALL COATING AND INDUSTRIAL FLOORING

- ♦ Heavy duty flooring for automobile and engineering industries
- ♦ Antistatic and electro conductive flooring for electronics and electrical industries
- ♦ Anti Microbial flooring for Pharmaceutical and hospitals
- ♦ Chemical and corrosion resistance coating
- ♦ Hygienic coating for pharma and food industries
- ♦ Protective coating and inner lining for liquid tank and food stuff tank



WATER PROOFING AND STRUCTURAL REPAIRS



ADVANTAGE OF EPOXY

- ♦ High adhesive strength to almost all substrates.
- ♦ Exceptional dimensional stability.
- ♦ Natural gap filling quality.
- ♦ Thermosetting.
- ♦ Good chemical resistance.
- ♦ Excellent mechanical properties.
- ♦ Ability to cure in wet conditions
- ♦ Ease of application.

WHY USE EPOXY ?



WHY USE EPOXY ?

- ♦ Seamless and Monolithic Glossy finish
- ♦ Good Chemical and Abrasion resistant
- ♦ Easy to clean High mechanical properties
- ♦ Excellent chemical resistance
- ♦ Dimensional stability and low shrinkage
- ♦ Impermeable to water and other liquids
- ♦ Applicable on Old and New concrete
- ♦ Excellent resistance to oil absorption
- ♦ Quick installation

EPOXY COMPARATIVE PROPERTIES

PROPERTY	UNIT	EPOXY RESIN	CONCRETE	EPOXY MORTAR
Compressi veStrength	N/mm ²	100	40	90
Tensile Strength	N/mm ²	43	4.5	16
Flexural Strength	N/mm ²	75	6	45
Elongation At Break	%	8	0.02	01
Coefficient of Expansion	°C -1	5 x 10 ⁻⁵	1.2 x 1.0 ⁻⁵	2 x 1.0 ⁻⁵
Adhesive Strength	N/m m ²	15	6.2	10
Curing Time at RT	day	1 - 7	2.8	1 - 7

CONSTRUCTION GRADE ADHESIVE

EPOFINE®-106/ FINEHARD® - 953

EPOXY BASED HIGH PERFORMANCE MULTIPURPOSE ADHESIVE.

FEATURES:

- ◆ Serves as a reliable bonding agent & anchoring grout
- ◆ Formulated with epoxy for superior performance
- ◆ Exhibits high- performance across various applications

BENEFITS:

- ◆ Exceptional strength and adhesion
- ◆ Versatility in bonding different materials effectively.
- ◆ Ensures secure & reliable anchoring of rears in concrete structures

ADVANTAGES

- ◆ Enhances structural integrity & stability of concrete constructions
- ◆ Increases load bearing capacity & durability of wood joints
- ◆ Eliminates the need for multiple specialized adhesives
- ◆ Ensures robust & long- lasting bond

USES:

- ◆ Anchoring Of Rebar In Concrete
- ◆ High Strength Wood Joints Where Joint Is Stronger Than Wood
- ◆ Bonding Of Door Handles With Crank Rods
- ◆ Bonding Of Aluminium Profiles To Window Frames.
- ◆ Assembly Of Models For Architects
- ◆ Assembly Of Steel Sinks To Granite In Kitchens
- ◆ Bonding Of Tiles, Granites To Vertical Walls.
- ◆ Assembly Of Connections In Fire Hydrants
- ◆ Interior Walls Of Swimming Pool



EPOXY INJECTION SYSTEM

FINESEAL EP870

2- PACK EPOXY INJECTION SYSTEM

FEATURES:

- ♦ Low viscosity resin
- ♦ Excellent bonding capabilities
- ♦ No obnoxious smell during application
- ♦ Idea waterproofing compound
- ♦ Versatile application methods
- ♦ Excellent bonding of steel-to-concrete and concrete-to concrete
- ♦ Offers excellent corrosion resistance & bonding of steel bars

BENEFITS:

- ♦ Ideal for penetration even into minute cracks
- ♦ Can be brushed on steel bars for providing excellent corrosion resistance and bonding to concrete
- ♦ Renders concrete structures highly resistant to moisture infiltration

ADVANTAGES

- ♦ Extends lifespan of steel structures ensuring structural stability
- ♦ Creates comfortable working environment
- ♦ Prevents water damage ensuring longevity of the structure

USES:

- ♦ Concrete crack repair
- ♦ Waterproofing of structures
- ♦ Corrosion Protection



EPOXY SYSTEM FOR SEEPAGE PREVENTION

EPOFINE[®] - 255/ FINEHARD[®] - 45

EPOFINE[®]-255, THE EPOXY RESIN AND FINEHARD[®]-45, THE COAL TAR-BASED HARDENER) CREATE A COMPREHENSIVE EPOXY RESIN SYSTEM SPECIFICALLY DESIGNED FOR SEEPAGE PREVENTION.

FEATURES:

- ♦ Bisphenol-A based epoxy resin with medium viscosity.
- ♦ Modified with a reactive diluent for improved performance.
- ♦ Coal tar-based hardener formulated for catalysing epoxy resin curing.
- ♦ Specifically tailored for use with Epofine[®]-255 or similar epoxy resin systems.

BENEFITS:

- ♦ Effective Seepage Prevention
- ♦ Creates a durable, impermeable barrier against seepage, enhancing structural integrity.
- ♦ Durability and Longevity: Provides a long-lasting solution due to improved strength and resistance to environmental factors.
- ♦ Suitable for different surfaces and conditions, ensuring versatile application.

ADVANTAGES

- ♦ Enhanced Curing
- ♦ Improved Strength and Adhesion
- ♦ Optimized Chemical Resistance
- ♦ Customizable Properties where users can adjust the resin-to-hardener ratio to tailor curing time and viscosity for specific application needs.

USES:

- ♦ Infrastructure Waterproofing
- ♦ Pipeline Coating
- ♦ Flooring Systems
- ♦ Concrete repairs
- ♦ Marine applications
- ♦ Roofing solutions
- ♦ Tunnelling & underground structures
- ♦ Waterproofing of bathroom floors



PORTABLE WATER TANK COATING

EPOFINE[®]-250/FINEHARD[®]-847

FEATURES:

- ▶ Liquid resin system for easy application
- ▶ Versatile & adaptive to different surfaces
- ▶ Ensures durable finish

BENEFITS:

- ▶ Provides a reliable barrier for potable water storage approved by CFTRI through global migration test as per US FDA-175.3 (1st April 2011)

ADVANTAGES

- ▶ Ensures water remains safe & uncontaminated
- ▶ Product's safety & effectiveness is guaranteed for contact with food & water

USES:

- ▶ Coating potable water tanks



1K PU ADHESIVE

FINESET® PU 100

FEATURES:

- ◆ Single component adhesive
- ◆ Easy to handle
- ◆ Continuous operating temperature of -60°C to +85°C

BENEFITS:

- ◆ Convenient to use
- ◆ Foams & fills the cracks

ADVANTAGES

- ◆ Easily penetrates cracks & creates a water impermeable barrier
- ◆ Excellent resistance to chemicals
- ◆ Water resistant
- ◆ Short setting time

USES:

- ◆ Joining Asbestos/ similar materials to Expanded polystyrene foam
- ◆ Recommended for making heat insulating panels
- ◆ Insulating panels for cold storage rooms & reefer containers
- ◆ Waterproofing of terraces, walls crack etc.



EPOXY RESIN SATURANT

EPOFINE® - 1564/ FINEHARD® - 3486

FEATURES:

- ◆ Low viscosity epoxy resin
- ◆ Medium viscosity polyamine hardener
- ◆ Excellent resistance to chemicals, acids etc.
- ◆ Outstanding mechanical strength

BENEFITS:

- ◆ Creates a composite material that is significantly stronger than original civil structure
- ◆ Effective for civil retrofitting
- ◆ Resistant to corrosion
- ◆ Can be easily applied to a variety of surfaces

ADVANTAGES

- ◆ Room temperature curing system
- ◆ Low viscosity resin system wets the reinforcement thoroughly
- ◆ High strength- to- weight ratio
- ◆ Compatible with glass fiber, carbon fiber, aramid etc.

USES:

- ◆ Strengthening & Retrofitting of structural members
- ◆ Saturant to impregnate fabrics/ fibers
- ◆ Repair of structures without altering the structural appearance



ACRYLIC FINISHING PAINTING

FINECOAT® AR520

FINECOAT® AR520 IS AN ACRYLIC FINISHING PAINT.

FEATURES:

- ♦ Acrylic-based formulation for durability.
- ♦ Designed for outdoor epoxy composites and steel.
- ♦ Offers corrosion resistance in various environments.
- ♦ Complies with BS:5493 standards

BENEFITS:

- ♦ Extended lifespan against weathering.
- ♦ Extended lifespan against weathering.
- ♦ Reduced maintenance needs for coated surfaces.
- ♦ Compliance with industry corrosion protection standards.
- ♦ Cost-efficiency through minimized repair costs. Reduced maintenance needs for coated surfaces.
- ♦ Compliance with industry corrosion protection standards.

ADVANTAGES

- ♦ Weather and UV resistance for long-lasting aesthetics.
- ♦ Effective corrosion protection for steel.
- ♦ Durability enhancing surface appearance.
- ♦ Versatile application on diverse substrates.

USES:

- ♦ Infrastructure Waterproofing
- ♦ Pipeline Coating
- ♦ Flooring Systems
- ♦ Concrete repairs
- ♦ Marine applications
- ♦ Roofing solutions
- ♦ Tunnelling & underground structures
- ♦ Waterproofing of bathroom floors



PROTECTIVE COATING

FINECOAT® EP201

FINECOAT® - EP201 IS AN EPOXY ZINC CHROMATE RED OXIDE PRIMER. IT CAN ALSO BE CUSTOMIZED IN GREY COLOUR

FEATURES:

- ♦ Two-component polyamide-cured epoxy primer.
- ♦ Contains anti-corrosive pigments and additives.
- ♦ Ideal for surfaces where blasting is impractical.

BENEFITS:

- ♦ Compliant with corrosion protection standards.
- ♦ Suitable for use in systems complying with BS:5493.
- ♦ Provides 5-10 years of corrosion protection in "exterior exposed polluted coastal" atmosphere.
- ♦ Cost-efficiency through minimized repair costs.

ADVANTAGES

- ♦ Excellent adhesion to metallic and composite substrates.
- ♦ Acts as a protective primer for various industrial structures.
- ♦ Offers good chemical resistance in acidic and alkaline environments.
- ♦ Exhibits strong performance in immersion in neutral, fresh, and saltwater conditions.

USES:

- ♦ Priming coat for industrial structures, bridges, tank exteriors, offshore structures, piping, spillway shutters, floating roof tanks.
- ♦ Top coat with FINECOAT® - EP401 for improved chemical resistance in acidic and alkaline environments.
- ♦ Excellent for immersion in neutral, fresh, and saltwater environments.



HIGH PERFORMANCE EPOXY FINISHING PAINT

FINECOAT® EP401

FINECOAT® - EP401 IS AN EPOXY FINISHING PAINT

FEATURES:

- ◆ Two-pack polyamidoamine-cured epoxy finish paint.
- ◆ Room temperature drying (above 10°C).
- ◆ Exhibits excellent resistance to water and chemicals.

BENEFITS:

- ◆ Provides durable and long-lasting protection against water and chemicals.
- ◆ Complies with corrosion protection standards like BS:5493 for 5-10 years in 'exterior polluted coastal' atmospheres.
- ◆ Adheres to standards such as AS/NZS 3750.10 and ASTM: F-718 for quality assurance.

ADVANTAGES

- ◆ Ideal for heavy-duty finishing on structural steel in industrial atmospheres.
- ◆ Exceptional resistance in chemical plants refineries, fertilizer plants, power plants, and paper mills.
- ◆ Suitable for lining road-tankers and coating on non-ferrous metal, concrete, and asbestos cement.

USES:

- ◆ Heavy-duty finishing coat for structural steel in industrial settings (chemical plants, refineries, etc.).
- ◆ Application on road-tankers (epicoated tankers) and various substrates like non-ferrous metal, concrete, and asbestos cement.
- ◆ Utilized as finish coats in systems conforming to specific corrosion protection standards for long-



EPOXY PUTTY

FINECOAT® EP207

FINECOAT® - EP207 IS AN EPOXY PUTTY AND IS THIXOTROPIC IN NATURE.

FEATURES:

- ♦ Two-pack polyamide-cured epoxy composition.
- ♦ Room temperature drying (above 10°C).
- ♦ Has a paste-like consistency for easy application with a trowel or putty knife.

BENEFITS:

- ♦ Provides a reliable and durable layer for protection against corrosion and wear.
- ♦ Offers versatility in application methods, ensuring ease of use for applicators.
- ♦ Adheres to general requirements outlined in IS: 13184 (1991), ensuring quality and reliability.

ADVANTAGES

- ♦ Easy to apply on various surfaces due to its paste-like consistency.
- ♦ Suitable for application over epoxy-based concrete primer or zinc chromate/zinc phosphate primer on steel structures.
- ♦ Compatible with direct application over concrete, plaster, and other construction materials.

USES:

- ♦ Used as an epoxy putty over epoxy-based concrete primer for buildings.
- ♦ Applied on steel structures such as machinery, off-shore platforms, atomic energy equipment, paper manufacturing plants, railway coaches, etc.
- ♦ Suitable for direct application on concrete, plaster, and various construction materials for protective coating purposes..



WELDABLE COATING

FINECOAT® EP208

FINECOAT® - EP208 IS A HIGH-BUILD, SELF- PRIMING EPOXY COATING.

FEATURES:

- ♦ Two-component, high-build, solvent-containing epoxy coating.
- ♦ Self-priming, suitable for surfaces to be welded after painting.
- ♦ Contains anti-corrosive pigments and anti-sagging agents.
- ♦ Recommended shot blasted surface for optimal results, but hand or power tool cleaning can be utilized.

BENEFITS:

- ♦ Provides a self-priming layer for surfaces to be welded after painting, saving time and effort in the fabrication process.
- ♦ Offers corrosion resistance and anti-corrosive properties for extended durability in 'exterior polluted coastal' atmospheres.
- ♦ Complies with corrosion protection standards outlined in BS: 5493, ensuring quality and performance.

ADVANTAGES

- ♦ Designed for surfaces intended for welding after painting, ensuring adhesion and compatibility.
- ♦ Allows fabrication by bending and welding after application on steel plates.
- ♦ Contains additives to prevent sagging, ensuring a uniform and smooth coating.

USES:

- ♦ Applied on steel plates upon reception in the yard allowing subsequent fabrication processes such as bending and welding.
- ♦ Ideal for surfaces requiring subsequent welding, providing a protective coating before fabrication.
- ♦ Utilized as the first and second coats in corrosion protection systems complying with BS: 5493 standards for extended corrosion resistance in coastal environments



EPOXY COATING FOR ASEPTIC ENVIRONMENT

FINECOAT® EP407

FINECOAT® - EP407 IS A HIGH-PERFORMANCE EPOXY COATING.

FEATURES:

- ♦ Two-component, high-build, high-solids epoxy finish paint with anti-microbial properties.
- ♦ Contains anti-settling and anti-sagging agents for a flawless coating finish.

BENEFITS:

- ♦ Offers an anti-microbial finish suitable for environments requiring cleanliness and hygiene.
- ♦ Provides a blemish-less coating due to anti-settling and anti-sagging agents, ensuring a smooth and uniform surface.
- ♦ Meets the requirements of AS 3750.1-1994 and ASTM: F-718, ensuring compliance with quality standards.

ADVANTAGES

- ♦ Ideal for heavy-duty finishing in aseptic environments like hospitals, pharmaceutical, and microbiological laboratories.
- ♦ Exhibits good chemical resistance to acidic and alkaline environments against splash, spillage, and fumes (not recommended for immersion).
- ♦ Provides excellent immersion performance in neutral, fresh, and saltwater conditions.

USES:

- ♦ Applied as a heavy-duty finishing coat in aseptic environments, especially in hospital settings and laboratories.
- ♦ Suitable for environments requiring resistance against chemical splashes, spillage, and fumes but not immersion.
- ♦ Excellent for immersion in neutral, fresh, and saltwater environments, providing a durable



EXTERIOR POLYURETHANE PAINT

FINECOAT® - PU530

FINECOAT® - PU530 IS A PU PAINT FOR EXTERNAL STRUCTURES.

FEATURES:

- ♦ Two-component polyurethane finishing paint based on acrylic polyol and aliphatic isocyanate.
- ♦ Exhibits excellent resistance to UV rays, water, solvents, and chemicals.

BENEFITS:

- ♦ Offers exceptional resistance to UV rays, water, solvents, and chemicals, ensuring durability and longevity.
- ♦ Complies with corrosion protection standards outlined in BS:5493 for 5-10 years in 'exterior exposed polluted coastal' atmospheres.
- ♦ Meets IS:13213 (1991) and AS:2602 standards, ensuring quality and reliability.

ADVANTAGES

- ♦ Ideal for heavy-duty finishing on epoxy composites exposed to outdoor environments.
- ♦ Suitable for steel in severely corrosive, marine, and industrial environments.
- ♦ Excellent choice for painting structural steel, tank exteriors, railings, cranes, piping, bridges, ship hulls, and other ship structures.

USES:

- ♦ Used as a finish coat for epoxy composites exposed to outdoor conditions.
- ♦ Applied on steel subjected to severe corrosion in marine and industrial environments.
- ♦ Suitable for a wide range of structures including structural steel, tank exteriors, railings, cranes, piping, bridges, ship hulls, and other finish ship structures.



HIGH PERFORMANCE MAINTENANCE COATING

FINECOAT® - EP232

FEATURES:

- ◆ Two-component, high-build, high-solids epoxy mastic.
- ◆ Self-priming formulation suitable for imperfectly prepared surfaces.
- ◆ Contains anti-settling and anti-sag agents for high-build and application consistency.

BENEFITS:

- ◆ Allows application on surfaces with residual rust and previously applied paint.
- ◆ Prevents sagging during application, ensuring high-build quality.
- ◆ Demonstrates excellent immersion performance in neutral, fresh, and saltwater environments.

ADVANTAGES

- ◆ Ideal for surfaces where blasting is impractical or impossible.
- ◆ Offers self-priming properties for protecting industrial structures, bridges, tank exteriors offshore structures, piping, spillway shutters, floating roof tanks.
- ◆ Provides good chemical resistance to acidic and alkaline environments.

USES:

- ◆ Self-priming top coat suitable for protecting a wide range of industrial structures, bridges, tank exteriors, offshore structures, piping, and spillway shutters.
- ◆ Offers chemical resistance against acidic and alkaline environments, although not recommended for immersion applications.



EPOXY SELF-LEVELLING FLOOR

FINEFLOOR- EP860

FINEFLOOR- EP860 IS FORMULATED & PROCESSED TO LAY SELF-LEVELLING FLOORS FOR CHEMICAL, PHARMACEUTICAL & FOOD INDUSTRIES.

FEATURES:

- ♦ Three-component epoxy flooring system
- ♦ Designed for self-levelling floors in various industries
- ♦ Suitable for clean rooms, laboratories, and hygienic areas

BENEFITS:

- ♦ Achieves uniform color upon mixing for proper application
- ♦ Ideal for electrical insulation without metallic fillers
- ♦ Cures effectively at room temperature (10-45°C)

ADVANTAGES

- ♦ Enables seamless and level flooring
- ♦ Facilitates easy maintenance and cleaning
- ♦ Provides durability and chemical resistance

USES:

- ♦ Applied in chemical, pharmaceutical, and food industries
- ♦ Specifically suited for clean rooms, laboratories, and hygienic spaces
- ♦ Halls, gangways etc. in factories
- ♦ Garages, bus stations, airport hangars, car showrooms etc.



Why us?

- ISO 9001:2015 certified company
- ISO/IEC 17025:2017 accredited laboratory
- DGAQA approved laboratory (Directorate General of Aeronautical Quality Assurance)
- In-House R&D centre is recognised by DSIR (Department of Scientific and Industrial Research) under Ministry of Science & Technology, Government of India
- Wide range of excellent quality products at the most competitive rates
- Value added solutions to designers, engineering professionals & contractors in the commercial, public, industrial and energy markets
- Customized products that cater to niche markets



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Excellence In Innovation

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IN HOUSE R&D CENTRE

Plot No.29, New Chemical Zone,
M.I.D.C., Taloja – 410 208. Maharashtra

MANUFACTURING UNITS

Plot No. 76, New Chemical Zone
M.I.D.C., Taloja – 410208 Maharashtra

Plot no. D- 11, M.I.D.C., Mahad Industrial Area,
Birwadi, Mahad, Raigad- 402309

Plot No.: K-2/3/2/1, Additional M.I.D.C., Mahad,
Raigad- 402302

PROFICIENCY TESTING DIVISION , TRAINING SCHOOL, REFERENCE MATERIAL PRODUCER DIVISION

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