



DNS INFRATECH
DEVELOPING NEW SKILLS
TURNKEY PROJECT SOLUTIONS
AN ISO 9001:2015 CERTIFIED CO.



BIOGAS APPLICATION



EFFLUENT PLANT APPLICATIONS



ZLD SPENT WASH AREA COATINGS



REFINERY & DISTILLERY COATINGS



RCC GREEN GUARD COATING



SUSTAINABLE SOLUTIONS BY DNS INFRATECH

Advanced Water-Based
Epoxy Coatings

PROTECTING YOUR CRITICAL INFRASTRUCTURE

Biogas Applications

Effluent Plant Applications

MS & Concrete Applications

INTRODUCTION

DNS Infratech, in collaboration with **Dibha Paints**, offers advanced water-based coating solutions for a wide range of industrial applications.

Our coatings are designed to provide Advanced water-based epoxy coatings engineered to protect industrial infrastructure from harsh chemical exposure, corrosion, and extreme environmental conditions. Our coatings are ideal for biogas digesters, water treatment plants (WTP), effluent treatment plants (ETP), CETP, STP, ZLD systems, MS concrete applications, refinery, distillery & green guard coating offering superior protection, long-term durability, and cost-effective performance.

Our coatings are eco-friendly and specifically designed to meet the unique challenges of your industrial systems. Whether you're dealing with aggressive chemicals, high temperatures, or complex waste processing systems, Dibha Paints ensures maximum protection and efficient operations.

“Protecting Your Infrastructure with Durable, High-Performance Coatings”

Key Features & Benefits

- **Corrosion & Chemical Resistance** : Protects against acids, alkalis, salts, and other harsh chemicals
- **Durability** : Offers long-lasting protection for critical infrastructure.
- **Environmentally Safe** : Low VOCs and eco-friendly, safe for workers and the environment.
- **Cost-Effective** : Reduces maintenance costs, downtime, and extends the lifespan of systems.

Application Process

We Provide Customised Tailor Made Solution for all Kind of Structure.

- **Surface Preparation** : Clean surfaces to remove rust, oils, and other contaminants.
- **Coating Application** : Apply with brush, roller, or spray.
- **Drying & Curing** : Quick drying (2-4 hours), full curing in 24-48 hours.

Technical Specifications & Certifications

- **Types of Coatings** : Water-based epoxy, polyurethane, and custom formulations.
- **Resistance Properties** : Resistance to chemicals, abrasion, high temperatures, and corrosion.
- **Certifications** : ISO 9001 : 2015, and industry-specific standards.

Biogas Applications

ANAEROBIC DIGESTERS:

Gas Leak-Proof and Corrosion-Resistant Coatings

Anaerobic digesters process organic waste to produce biogas, requiring coatings that can withstand high levels of chemical exposure, hydrogen sulfide (H₂S), and corrosive conditions. Dibha Paints offers water-based epoxy coatings that provide gas leak-proof protection, chemical resistance, and long-lasting durability.

Key Benefits:

- Gas leak-proof protection for critical systems
- Chemical resistance to biogas by-products
- Enhanced corrosion protection for tanks and piping
- Low maintenance and cost-effective
- Easy application with fast drying times



PRE-HYDROLYSIS TANKS:

Acid-Resistant Protective Coatings

Pre-hydrolysis tanks are exposed to highly acidic and corrosive conditions. Dibha Paints provides custom-engineered coatings specifically designed to resist acidic environments, protecting your pre-hydrolysis systems and ensuring long-term durability.

Key Benefits:

- Excellent resistance to acidic compounds
- Protects tanks and equipment from chemical degradation
- Extended lifespan of your infrastructure
- Helps reduce maintenance costs

HYDROLYSIS TANKS:

Customized Coatings for Harsh Environments

Hydrolysis tanks face continuous exposure to harsh chemicals and high temperatures. Dibha Paints offers water-based epoxy coatings formulated for chemical protection, abrasion resistance, and heat resistance, ensuring optimal performance in aggressive environments.

Key Benefits:

- Enhanced chemical resistance for biogas production processes
- Durability against abrasion and wear
- Helps maximize system efficiency
- Environmentally friendly, with low VOCs



WTP TANK COATINGS:

Corrosion Protection for Water Treatment Plants

Water Treatment Plants (WTP) handle aggressive waterborne chemicals and often deal with high humidity and moisture, which can lead to corrosion and degradation. Dibha Paints provides water-based epoxy coatings that offer superior protection against corrosion and chemical attack, ensuring long-term reliability and performance.

Key Benefits:

- Corrosion resistance in aggressive water environments
- Chemical and water exposure protection
- Low VOC emissions for safe application
- Helps reduce downtime and maintenance costs

Effluent Plant Applications

ETP SLUDGE PIT TANK COATINGS:

Chemical Resistance and Durability

Effluent Treatment Plants (ETP) sludge pits face exposure to highly corrosive substances and abrasive sludge. Dibha Paints provides coatings designed for chemical resistance and abrasion protection, ensuring your sludge pit tanks last longer and require less maintenance.

Key Benefits:

- Chemical resistance to sludge, effluent, and industrial waste
- Abrasion resistance to prevent wear and tear
- Easy-to-clean surface, minimizing sludge buildup
- Improved tank longevity and operational efficiency



CETP COATINGS:

Durable Protection for Industrial Waste Treatment

CETPs handle large volumes of effluent from various industries. Dibha Paints' water-based epoxy coatings offer superior protection against chemical corrosion, ensuring that your CETP infrastructure remains functional and cost-effective.

Key Benefits:

- Chemical resistance to a wide range of industrial effluents
- Protects against wear and corrosion
- Easy application with minimal downtime
- Long-term protection, reducing repair and maintenance costs

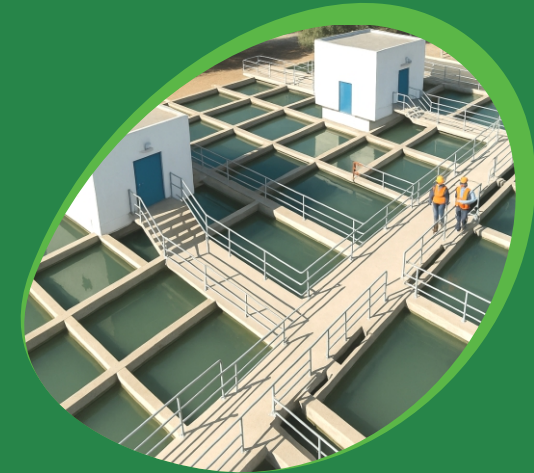
STP COATINGS:

Protection for Sewage Treatment Plants

Sewage Treatment Plants (STP) face exposure to biological and chemical hazards. Dibha Paints provides specialized coatings that offer high resistance to biological growth, corrosion, and chemical degradation, ensuring optimal operation in sewage treatment environments.

Key Benefits:

- Resistant to biological growth and chemical attack
- Extends life expectancy of critical infrastructure
- Low maintenance and easy-to-apply coatings
- Helps improve system efficiency and reduce operational costs



ZLD AREA COATINGS FOR SPENT WASH AREA:

Superior Protection for Wastewater Treatment Systems

Zero Liquid Discharge (ZLD) systems handle concentrated effluents that require specialized coatings. Dibha Paints' water-based epoxy coatings are designed to withstand highly aggressive and highly concentrated effluents, ensuring long-term performance and reducing maintenance costs.

Key Benefits:

- High chemical resistance for ZLD effluents
- Protects against abrasion and corrosion
- Long-term durability in extreme conditions
- Environmentally safe and low VOC emissions



MS & Concrete Applications

REFINERY COATINGS:

High-Temperature and Chemical Protection

Refineries often deal with high temperatures and aggressive chemicals, requiring coatings that offer superior protection against heat and corrosion. Dibha Paints offers customized water-based epoxy coatings that ensure the longevity and performance of refinery tanks, piping, and storage units.

Key Benefits:

- High-temperature resistance for refinery systems
- Chemical resistance to acids, alkalis, and oils
- Durability in harsh operating environments
- Reduces maintenance and operational downtime



DISTILLERY PROTECTIVE COATINGS:

Application in Distillery Plants

- ▶ **Flooring:** Protects concrete floors from chemical spills and abrasion.
- ▶ **Storage Tanks:** Coats the interior and exterior of storage tanks to prevent corrosion.
- ▶ **Piping Systems:** Ensures longevity and resistance against corrosive substances in piping

Key Benefits:

- Alkaline resistance for distillery wash areas
- Protects against caustic substances and chemical exposure
- Long-lasting protection for tanks and pipelines
- Helps improve safety and efficiency



RCC GREEN GUARD:

Sustainable, water-based coal tar epoxy coating specially formulated for RCC footings and substructure elements. It offers excellent waterproofing, chemical resistance, and long-term corrosion protection while complying with low-VOC environmental standards. Perfect for green buildings, infrastructure projects, and eco-conscious construction.

Key Benefits:

- **Durability:** Resistant to harsh weather and long-lasting.
- **Cost-Effectiveness:** Low maintenance and a smart investment.
- **Aesthetic Appeal:** Customizable designs enhance outdoor spaces.
- **Eco-Friendly:** Certified for low chemical emissions, improving air quality.
- **Strong Protection** – Provides reliable tree protection and sustainability.



FEW OF OUR VALUABLE CLIENTS

CBG (COMPRESSED BIO GAS) PROJECTS



PHARMACEUTICAL & FOOD



GOVT. / SEMI GOVT. / GOVT. UNDERTAKING UNITS



CHEMICAL, PLASTIC & PACKAGING INDUSTRIES



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