LUBON

LET US BUILD OUR NATION

LUBON INFRA CHEM PVT. LTD.

Preface

At Lubon Infra Chem Pvt. Ltd , we take immense pride in being a catalyst for progress and innovation, guided by our unwavering principle: '**LET US BUILD OUR NATION.**' As a leader in the construction and infrastructure sectors, we are dedicated to delivering state-of-the-art construction chemical applications and advanced engineering solutions that go beyond meeting expectations to setting new benchmarks in the industry.

Our commitment to excellence is reflected in our focus on quality, professionalism, and customer-centricity. From pioneering innovative materials to embracing sustainable practices, we craft solutions that not only enhance the durability and efficiency of every project but also contribute to building a future that is resilient and environmentally conscious.

At Lubon Infra Chem, our vision extends beyond constructing structures—we strive to create lasting partnerships, empower communities, and lay the foundation for a stronger, sustainable tomorrow. Lubon Infra Chem, is redefining what it means to build for the future, one project at a time.

Contents

Lubon Infra Chem Pvt. Ltd

Lubon Infra Chem Pvt. Ltd. is a leading provider of an extensive range of construction and maintenance services, renowned for delivering high-quality solutions across various sectors. We specialize in critical waterproofing services, specialty flooring, and the strengthening, retrofitting, and refurbishment of structures to extend their lifespan and enhance performance. Additionally, we offer protective coatings, environmental protection, and finishing services to safeguard structures against wear, tear and external elements.

About Us

We cater to projects of All scales, whether residential, industrial, or large-scale infrastructure. From the initial planning stage to the final execution, we ensure every project is executed with precision, adhering to highest standards of quality and safety Our team is well-versed in handling complex and challenging assignments, including work in operational facilities, without compromising on efficiency.

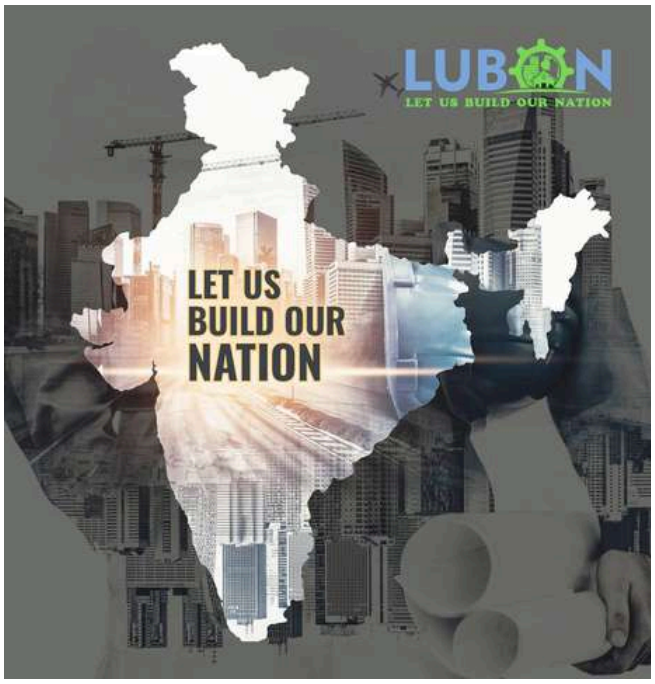
At Lubon Infra Chem Pvt. Ltd., we prioritize innovation and customer satisfaction, offering tailored solutions that meet specific needs and deliver reliable, long-lasting results. With a strong commitment to excellence and a proven track record, we are your trusted partner for effective, sustainable construction and maintenance services.

Our Motto is

"LET US BUILD OUR NATION".

Vision

Our vision at **Lubon Infra Chem Pvt**. Ltd. is to become a pioneering leader in the construction and infrastructure sectors across South Asia, setting new standards for quality, sustainability, and innovation. We aspire to play an integral role in national development by contributing to projects that enhance economic growth, improve community living standards, and create resilient infrastructure that serves future generations.



By consistently exceeding benchmarks in safety and quality, we seek to inspire confidence among our stakeholders-clients, employees, and partners-creating a legacy of reliability and excellence. Our long-term vision is to build infrastructure that not only supports economic advancement but also enriches communities by promoting well-being and environmental harmony.

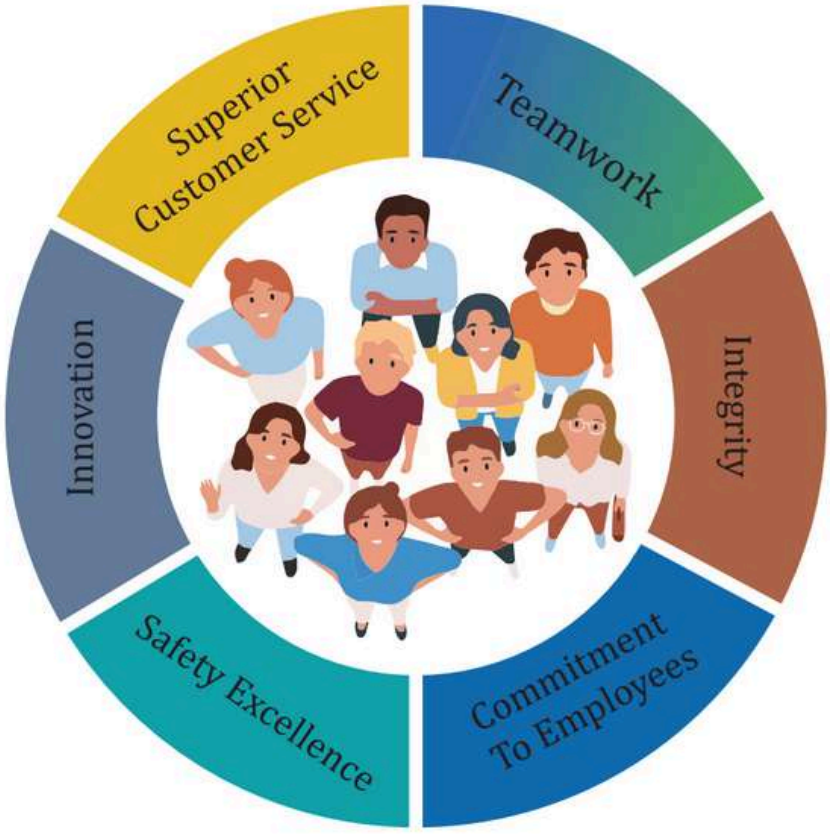
Mission

Mission at **Lubon Infra Chem Pvt.** is to deliver top-tier construction and infrastructure services with a strong focus on quality, reliability, and client satisfaction. We are committed to building structures that withstand the test of time and contribute to the betterment of communities, ensuring safety, functionality, and aesthetic value in every project. By implementing innovative practices and using sustainable materials, we aim to minimize environmental impact while maximizing efficiency and value for our clients.

Our goal is to become the first choice for clients seeking dependable construction solutions across South Asia. We aim to foster a culture of continuous improvement, investing in our team's growth and staying up-to-date with the latest industry advancements.We believe in empowering our employees to bring their expertise and creativity to each project.

Core Value System

Lubon Infra Chem is driven by a strong set of values that guide our daily operations, These values are not just words; they shape our company culture and inform our decisions, We are committed to integrity, excellence, and ethical conduct in everything we do.



Our Strengths

Lubon Infra Chem leverages the expertise of our experienced team to drive innovation and problem-solving. We foster a collaborative culture by empowering young professionals and promoting knowledge sharing. This approach ensures a blend of seasoned wisdom and fresh perspectives, driving our company's success and fostering a culture of continuous learning

Our Expertise

Construction Chemicals and Treatments

We specialize in supplying high-quality construction chemicals and providing tailored application services to enhance building longevity and resilience. From advanced waterproofing solutions to expansion joints and sealants, we offer systems designed to protect structures from environmental stress and moisture damage.

- Critical Waterproofing
- Structural Restoration and Retrofitting
- Structural Protective Systems and Coatings
- Seismic and Expansion Joints Treatment
- Construction of Resilient Structures
- Passive Fire Protection and Confinement
- Ultra-High-Performance Concrete (UHPC) and Ductile Structures
- Structural Grouting
- Soil Stabilization and Rock Anchoring
- Resinous and Industrial Flooring Systems

Critical Waterproofing

Critical waterproofing is a cornerstone of modern construction, playing a vital role in maintaining the structural integrity of buildings and infrastructure. It safeguards against water ingress, a primary cause of concrete deterioration, steel reinforcement corrosion, and reduced load-bearing capacity. These issues not only compromise the safety and functionality of structures but also lead to costly repairs and maintenance.

Water ingress is particularly harmful as it can lead to the formation of cracks, spalling, and the weakening of critical structural components. Waterproofing systems are engineered to mitigate these risks by creating effective barriers against moisture, hydrostatic pressure, and thermal expansion. These systems are indispensable for below-grade structures like basements and substructures, which are constantly exposed to groundwater seepage and hydrostatic pressure.

Critical Waterproofing

Similarly, roofs and terraces are vulnerable to rain, UV radiation, and thermal expansion. Seamless, flexible waterproofing layers, such as liquid-applied polyurethane membranes, not only prevent water penetration but also resist cracking and degradation over time. In wet areas like bathrooms and balconies, cementitious waterproofing systems ensure long-term water resistance even under tiled surfaces.

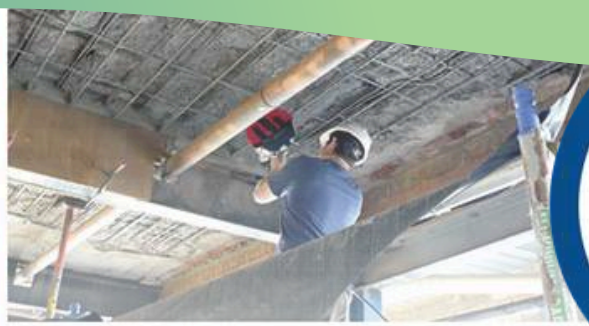
For large-scale infrastructure such as tunnels and bridges, the challenges are even greater. These structures face constant exposure to freeze-thaw cycles, heavy loads, and aggressive environmental conditions. Waterproofing systems like HDPE sheet membranes, drainage systems, and injection grouting provide robust protection, enhancing the lifespan and performance of these critical assets.Waterproofing also plays a critical role in industrial plants, where surfaces are often exposed to aggressive chemicals and high humidity levels. Epoxy and polyurethane coatings are widely applied to protect floors, tanks, and processing units, ensuring durability and chemical resistance.

Critical Waterproofing

By preventing structural damage, enhancing durability, and reducing maintenance needs, critical waterproofing solutions contribute to sustainability. These systems help conserve resources, lower operational costs, and ensure the safety and functionality of structures for decades to come.

Below Following are the Scope of Treatments

- **Surface Preparation:** Cleaning and repairing surfaces to ensure proper adhesion
- **Injection Grouting:** Using chemical or cementitious grout to seal cracks and voids.
- **Liquid-Applied Membranes:** Applying polyurethane or acrylic membranes for seamless waterproofing.
- **Sheet Membranes:** Installing bituminous, HDPE, or PVC sheets for heavy-duty waterproofing.
- **Crystalline Waterproofing:** Using crystalline admixtures to waterproof concrete from within.
- **Bentonite Systems:** Applying bentonite clay layers for below-grade waterproofing.
- **Waterstops:** Installing PVC, rubber, or metal waterstops at construction joints.
- **Drainage Systems:** Installing systems to manage hydrostatic pressure, such as drainage boards.



Structural Restoration and Retrofitting

Structural restoration and retrofitting are critical processes that ensure the longevity, safety, and resilience of buildings and infrastructure. Restoration focuses on repairing and strengthening aging or damaged structures, returning them to their original functionality and safety standards. Retrofitting, on the other hand, involves upgrading existing structures to comply with modern building codes and enhance performance under new loads, such as seismic activity, wind, or additional usage demands. These interventions are crucial in maintaining the structural integrity of aging infrastructure, heritage buildings, and facilities exposed to extreme conditions.

This vertical employs cutting-edge technologies and materials to address a wide array of structural challenges, ensuring cost-effective and efficient solutions. Activities such as crack repair, concrete jacketing, and carbon fiber wrapping not only restore the original strength of structures but often enhance it beyond the initial design capacity. The following scope of treatments highlights the techniques commonly employed:

Structural Restoration and Retrofitting

Scope of Treatments

Crack Repair:

Epoxy Injection: Used for structural cracks to restore load transfer capacity.
Polyurethane Injection: Ideal for sealing active leaks and cracks in water-retaining structures.
Surface Sealing: Application of flexible sealants for non-structural cracks.

Carbon Fiber Wrapping:

- Reinforcement: Carbon fiber sheets are applied to beams, columns, and slabs to increase their tensile strength and resistance to shear and flexural stresses.
- Durability: Lightweight and corrosion-resistant, carbon fiber wrapping enhances structural performance without adding significant weight.
- Application Areas: Commonly used in seismic zones, parking structures, and bridges.

Structural Restoration and Retrofitting

Scope of Treatments

- **Concrete Jacketing:**
  Strengthening: Additional layers of reinforced concrete are applied to existing structural members to increase their load-bearing capacity.

- Customization: Can be tailored for columns, beams, and walls, especially in retrofitting projects.

- Uses: Widely applied in seismic retrofitting and to repair damage caused by corrosion or aging.

Steel Plate Bonding:

- Methodology: Steel plates are either bolted or bonded using epoxy adhesives to enhance the structural strength of beams and slabs.

- Applications: Used in areas requiring additional load-bearing capacity or where retrofitting is needed for heavy machinery or industrial loads.

- Benefits: Provides immediate and robust reinforcement.

Structural Restoration and Retrofitting

Scope of Treatments

Corrosion Control:

Anti-Corrosion Coatings: Zinc-rich primers, epoxies, or polyurethane coatings are applied to steel reinforcements to protect against rust.
Cathodic Protection: Impressed current or sacrificial anode systems are installed to mitigate corrosion in reinforced concrete structures.
Benefits: Extends the life of structures exposed to marine environments or industrial pollutants.

Foundation Strengthening:

- Underpinning: Strengthens existing foundations by extending them deeper into stable soil layers.
- Micropiling: Small-diameter piles are driven into the ground to support weak foundations.
- Grouting: Cementitious or chemical grouts are injected to improve soil bearing capacity around foundations.

Structural Restoration and Retrofitting

Scope of Treatments

Seismic Retrofitting:

Base Isolators: Flexible bearings installed at the foundation level to absorb seismic energy.

- Dampers: Devices such as viscous or friction dampers are installed to dissipate energy during earthquakes.

Braces: Steel braces are added to enhance lateral load resistance in buildings.

- **Additional Applications and Benefits**

Heritage Structures: Restoring historically significant buildings while preserving their architectural aesthetics.

- **Industrial Facilities:** Reinforcing structures subjected to heavy loads, vibrations, and harsh environments.

Bridges and Highways: Strengthening aging infrastructure to accommodate modern traffic demands and increased loads.

Structural Protective Systems and Coatings

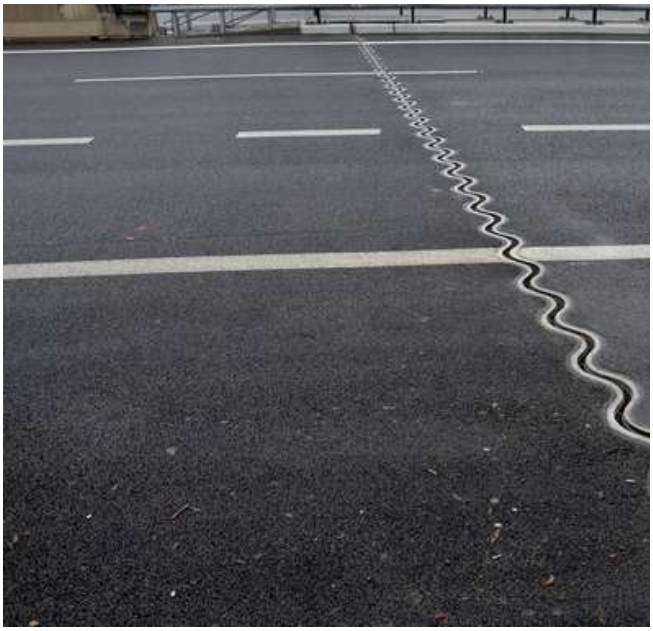
This includes the application of specialized coatings and protective systems to shield structures from environmental, chemical, and mechanical degradation. Common solutions include anti-corrosion coatings for steel reinforcements, epoxy-based coatings for concrete, and protective layers for industrial facilities exposed to aggressive chemicals or high temperatures.

Following are the Scope of Treatments

- **Corrosion Coatings:** Using zinc-rich primers, epoxies, or polyurethane coatings for steel protection.
- **Epoxy Floor Coatings:** Adding durable and chemical-resistant layers to floors.
- **Polyurea Coatings:** Applying high-performance protective coatings for abrasion and impact resistance.
- **Chemical-Resistant Coatings:** Protecting surfaces from chemical attacks with specialized linings.
- **Concrete Sealers:** Applying sealers to protect against moisture and stains.
- **Weatherproofing Coatings:** Using elastomeric or acrylic coatings to protect facades.
- **Anti Carbonation Coating for Concrete**

Seismic and Expansion Joints Treatment

Seismic joints allow structures to safely withstand seismic forces, while expansion joints accommodate thermal expansion and contraction. This vertical involves designing, installing, and maintaining joint systems that ensure structural flexibility and durability during earthquakes or other environmental stresses. Advanced materials like elastomeric seals and high-performance joint fillers are commonly used.



Following are the Scope of Treatments

- **Seismic Joint Design:** Customizing joints for maximum movement tolerance.
- **Installation of Joint Sealants:** Using elastomeric sealants for sealing joints.
- **Compression Seals:** Installing neoprene or EPDM seals in expansion gaps.
- **Metal Cover Plates:** Using aluminum or steel cover plates for floor and wall joints.
- **Flexible Waterstops:** Incorporating water-resistant expansion joint systems.
- **Joint Repair Systems:** Injecting resins or installing joint bands to restore damaged joints.

Construction of Resilient Structures

Resilient structures are designed to withstand extreme conditions such as natural disasters (earthquakes, floods, hurricanes) and man-made impacts (explosions, fires). This vertical focuses on innovative construction techniques and materials, such as reinforced concrete, fiber-reinforced polymers, and energy-absorbing systems, to enhance durability and safety.

Following are the Scope of Treatments

- **High-Strength Concrete:** Using advanced mix designs for enhanced strength.
- **Fiber Reinforced Polymers:** Incorporating FRPs for tensile strength and flexibility.
- **Energy-Absorbing Systems:** Installing shock absorbers or dampers for impact resistance.
- **Blast-Resistant Designs:** Using reinforced walls and laminated glass for explosion safety.
- **Drainage Systems:** Ensuring proper water management to avoid flood damage.
- **Disaster Recovery Measures:** Pre-planned designs to minimize repair time post-disaster.

Passive Fire Protection and Confinement

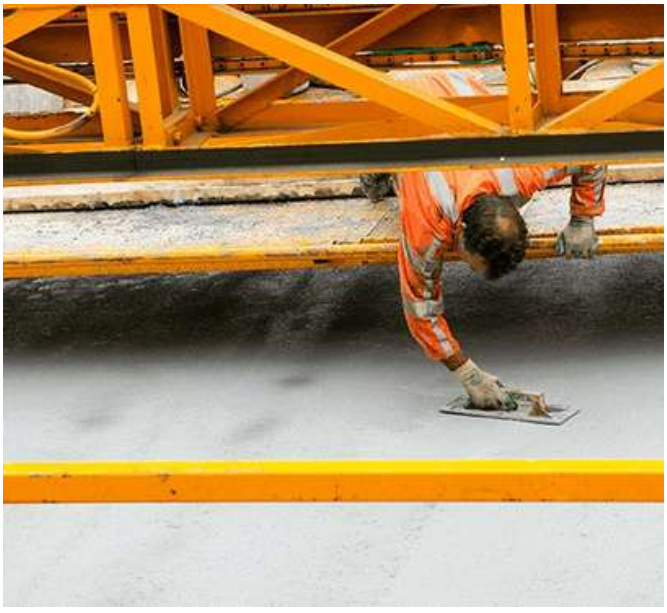
This vertical includes the installation of fire-resistant materials and systems to prevent the spread of fire and ensure structural stability during high temperatures. Solutions include intumescent coatings, fireproofing sprays, compartmentation systems, and fire-resistant boards. Passive fire protection is crucial in high-rise buildings, industrial plants, and critical facilities like hospitals and data centers.

Following are the Scope of Treatments

- **Intumescent Coatings:** Applying coatings that expand under heat to insulate steel.
- **Fireproofing Sprays:** Using cementitious or fibrous sprays for thermal protection.
- **Fire-Resistant Boards:** Installing calcium silicate or gypsum boards for compartmentation.
- **Fire-Resistant Doors and Windows:** Installing certified fire-rated openings.
- **Compartmentation Systems:** Using fire-resistant barriers to contain flames.

Cable Fire Protection: Applying fire-retardant wraps or coatings on cables.

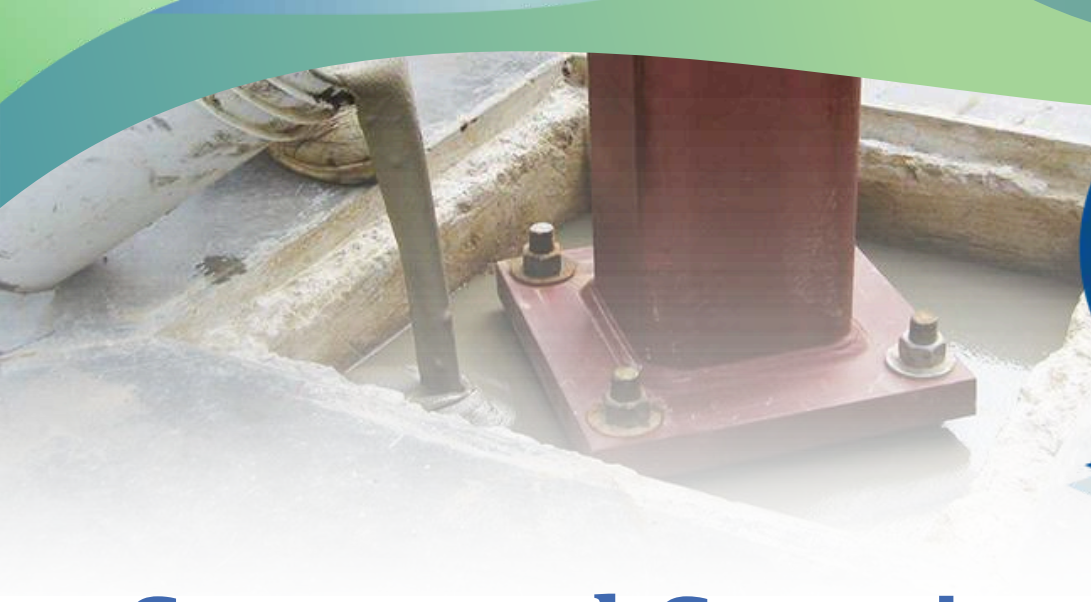
UHPC and Ductile Structures



UHPC is an advanced material offering exceptional strength, durability, and resilience, used in the construction of bridges, high-rise buildings, and architectural elements. Ductile structures are designed to deform under stress without failing, ensuring safety during seismic events. This vertical involves the use of UHPC and advanced reinforcement techniques to create robust and flexible structural systems.

Following are the Scope of Treatments

- **UHPC Casting:** Producing components with ultra-high-performance concrete.
- **Advanced Reinforcements:** Incorporating steel or fiber-reinforced polymers.
  Precast Elements: Using UHPC for precast beams, slabs, and panels.
- **Post-Tensioning Systems:** Adding tension to UHPC elements for added strength.
- **Seismic Design:** Creating ductile connections to absorb earthquake energy.



Structural Grouting

Structural grouting involves injecting specialized grout materials to fill voids, stabilize structures, or strengthen load-bearing elements. Applications include foundation repair, anchoring equipment, sealing cracks, and strengthening columns or beams. Advanced materials like epoxy and cement-based grouts ensure precision and durability.

Following are the Scope of Treatments

- **Void Filling:** Injecting cementitious or epoxy grout to fill voids in concrete.
- **Base Plate Grouting:** Securing heavy machinery or columns with non-shrink grout.
- **Crack Injection:** Filling structural cracks with epoxy or polyurethane.
- **Soil Grouting:** Strengthening soil using chemical grouts.
- **Underwater Grouting:** Repairing submerged structures with underwater-compatible grout.
- **Girder bearing grouts**

Soil Stabilization and Rock Anchoring

This vertical addresses the challenges of weak or unstable soil and rock conditions. Soil stabilization techniques, such as the use of geosynthetics, chemical grouts, and mechanical compaction, improve soil bearing capacity. Rock anchoring systems involve the installation of tensioned anchors to secure unstable rock faces or slopes, commonly used in tunneling and slope protection.

Following are the Scope of Treatments

- **Geosynthetics Installation:** Using geogrids or geotextiles for soil reinforcement.
- **Chemical Stabilization:** Injecting lime, cement, or polymers into soil.
- **Mechanical Compaction:** Compacting soil to enhance its load-bearing capacity.
- **Rock Bolting:** Installing tensioned anchors into rock faces.
- **Micropile Installation:** Using micropiles for foundation stability in weak soils.

Resinous and Industrial Flooring Systems

Specialized flooring systems are essential for industries requiring durable, chemical-resistant, and easy-to-maintain surfaces. Resinous flooring systems, such as epoxy, polyurethane, and acrylic, provide seamless finishes ideal for warehouses, laboratories, and manufacturing facilities. These systems also include anti-static, slip-resistant, and high-impact-resistant solutions tailored to specific industrial needs.

Following are the Scope of Treatments

- **Epoxy Flooring:** Installing seamless, chemical-resistant flooring systems.
- **Polyurethane Coatings:** Applying flexible, impact-resistant floor finishes.
- **Anti-Static Flooring:** Creating conductive or static-dissipative floors.
- **Slip-Resistant Systems:** Adding textured coatings to enhance grip.
- **High-Impact Flooring:** Using materials resistant to heavy loads and mechanical stress.
- **Hybrid Resin Systems:** Combining multiple resin types for specific industrial needs.
- **Food Grade antimicrobial flooring**

Design, Construction, and Erection of RCC and Steel Buildings and Structures

Our expertise spans the entire process of designing, constructing, and erecting Reinforced Cement Concrete (RCC) and steel buildings and structures. With a focus on functionality, safety, and aesthetic appeal, we deliver tailored solutions for various sectors:

- Residential Buildings
- Industrial Buildings
- Infrastructure Projects
- Hospitality Structures
- Healthcare Facilities
- Institutional Buildings
- Recreational Facilities
- Urban and Rural Development

Residential Buildings

We specialize in constructing high-quality residential buildings, ranging from single-family homes to large-scale apartment complexes. Our designs focus on optimizing space, ensuring durability, and incorporating modern amenities to enhance comfort and lifestyle. We also prioritize sustainable practices, such as energy-efficient designs and eco-friendly materials, to promote green living.

Systems and Solutions

- Full-Service Project Lifecycle
  Covers design to final finishing, ensuring seamless execution for quality RCC structures.
- High-Strength Concrete Mixes
  Custom concrete formulations improve strength and durability for various RCC applications.
- Compliance and Quality Assurance
  Strict adherence to industry standards for reliable and safe RCC construction.

Industrial Buildings

Our industrial solutions cater to manufacturing plants, warehouses, and production facilities. We emphasize functionality and durability, ensuring that the structures withstand heavy machinery, dynamic loads, and environmental conditions. Advanced techniques and materials are utilized to optimize operational efficiency and meet industry-specific standards.

Infrastructure Projects

We provide comprehensive solutions for essential infrastructure projects such as bridges, flyovers, and public utility buildings. These structures are engineered to endure heavy traffic, natural calamities, and long-term wear and tear while maintaining economic feasibility and adherence to safety regulations.

Hospitality Structures

For hotels, resorts, and restaurants, we deliver elegant designs that blend luxury, comfort, and functionality. Our team ensures that the layout and materials create inviting spaces while meeting the operational needs of the hospitality industry, such as guest flow and utility management.

Healthcare Facilities

We construct hospitals, clinics, and diagnostic centers designed for efficient workflows, patient comfort, and strict compliance with healthcare standards. Features like modular layouts, advanced ventilation systems, and durable, hygienic materials are incorporated to ensure optimal care delivery.

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Institutional Buildings

Educational institutions, government buildings, and corporate offices require designs that facilitate productivity and engagement. We create functional spaces, including classrooms, auditoriums, and administrative blocks, while incorporating sustainable and energy-efficient features.

Recreational Facilities

From sports complexes to community centers, our recreational projects prioritize safety, usability, and aesthetic appeal. These facilities are tailored to promote engagement and relaxation while adhering to the latest structural standards.

Urban and Rural Development

Our expertise extends to urban and rural development projects, such as smart city initiatives, village-level community centers, and housing projects. We focus on providing durable and affordable solutions that address the unique needs of diverse populations, promoting overall regional development.

By combining innovation, technical expertise, and a client-focused approach, we ensure that each project is completed to the highest standards of quality, safety, and efficiency.

Interiors and Green Living

Our interior solutions are designed to transform spaces into functional, aesthetically pleasing, and comfortable environments. From modern minimalistic designs to traditional layouts, we offer bespoke interior solutions tailored to the client's vision and purpose. Our expertise includes space planning, material selection, lighting design, and furniture customization, ensuring a seamless blend of style and functionality.

- Fit-Outs
- Green Living
- Landscape
- Water Bodies
- Pleasant Environment

Fit-Outs

We specialize in fit-out services that encompass the complete process of making interior spaces ready for occupancy. From flooring, partitions, and ceilings to electrical, plumbing, and HVAC installations, we ensure a smooth execution of all components. Our focus is on quality craftsmanship, timely delivery, and adherence to the client's requirements, creating spaces that are fully functional and visually appealing.

Green Living

Promoting sustainability is at the core of our designs. We integrate eco-friendly materials, energy-efficient lighting, renewable energy solutions, and smart technologies to create sustainable living spaces. Our approach to green living focuses on reducing environmental impact, improving energy efficiency, and fostering a healthier and more sustainable lifestyle.

Landscape

Our landscaping services aim to create visually stunning and functional outdoor spaces. From gardens and parks to terraces and courtyards, we design and implement landscapes that enhance the natural beauty of the surroundings. By combining native flora, innovative layouts, and sustainable irrigation systems, we create outdoor environments that are both appealing and low-maintenance.

Water Bodies

Water features add a touch of serenity and elegance to any space. We design and construct a variety of water bodies, including fountains, ponds, cascading waterfalls, and swimming pools, to enhance the aesthetic and calming aspects of your property. Our designs incorporate sustainable practices, such as water recycling systems and energy-efficient pumps, ensuring an environmentally conscious approach.

Pleasant Environment

We specialize in fit-out services that encompass the complete process of making interior spaces ready for occupancy. From flooring, partitions, and ceilings to electrical, plumbing, and HVAC installations, we ensure a smooth execution of all components. Our focus is on quality craftsmanship, timely delivery, and adherence to the client's requirements, creating spaces that are fully functional and visually appealing.

Each of these services is approached with meticulous planning, innovative techniques, and an unwavering commitment to quality, ensuring our clients experience spaces that are both inspiring and practical.

BOT Services in the Construction Industry

The BOT model is a turnkey solution in the construction industry, where we take full responsibility for building, operating, and eventually transferring construction projects to the client. This approach ensures streamlined execution, risk management, and long-term value for the client.

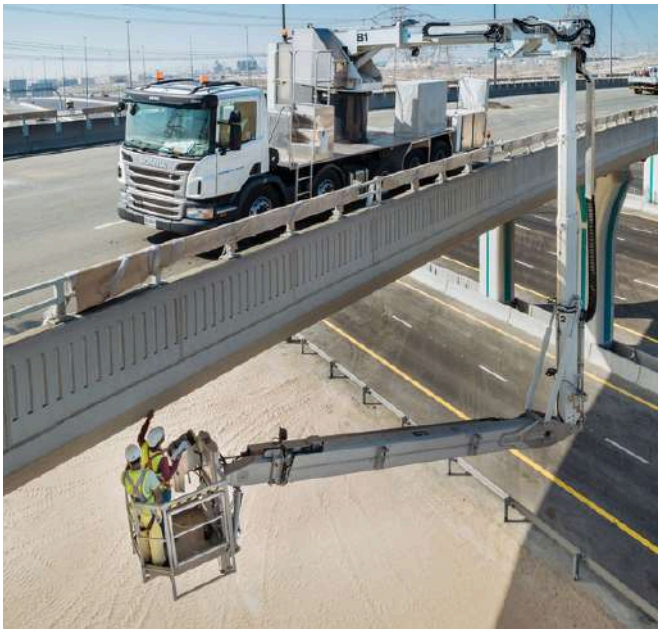
Key Phases of BOT Services:

- Build Phase
- Operate Phase
- Transfer Phase

Build Phase

- **Planning & Design:** Conducting feasibility studies, site analysis, and detailed project planning to develop construction blueprints tailored to client needs.
- **Construction Execution:** Using advanced construction techniques, modern materials, and skilled labor to deliver high-quality structures, including residential, commercial, industrial, or infrastructure projects.
- **Compliance:** Adherence to local building codes, safety regulations, and environmental guidelines to ensure smooth approvals.

Operate Phase



- **Operational Management:** Taking charge of the daily operations and upkeep of the constructed facilities, including utilities management, security, and operational efficiency.
- **Maintenance:** Providing comprehensive maintenance services to ensure the structure's integrity, durability, and functionality over the operational period.
- **Performance Monitoring:** Leveraging data-driven tools to optimize energy use, detect potential issues, and maintain structural quality.

Transfer Phase

Handover: After the agreed operational period, the project is handed over to the client as a fully functional, well-maintained asset. This process includes staff training, thorough documentation, and ongoing support for a smooth transition.

Applications in Construction:

- **Residential Developments**: Housing complexes or gated communities.
- **Commercial Projects:** Office spaces, malls, and retail complexes.
- **Infrastructure Projects:** Bridges, roads, metro stations, or airport terminals.
- **Institutional Projects:** Schools, universities, or government buildings.

AMC Services in the Construction Industry

AMC services are essential for maintaining the longevity, safety, and operational efficiency of buildings and infrastructure. Tailored to the construction industry, these contracts provide proactive and reactive maintenance to ensure the sustained performance of constructed assets.

Scope of AMC Services:

- Structural Maintenance
- Electrical & Mechanical Systems
- Plumbing & Water Systems
- Preventive Maintenance
- Emergency Repairs & Support

Structural Maintenance

- Regular inspections to assess the condition of foundations, walls, beams, and columns.
- Repairs for cracks, leaks, or signs of wear and tear to ensure structural integrity.

Electrical & Mechanical Systems

- Routine maintenance of elevators, HVAC systems, and fire safety systems.
- Troubleshooting electrical systems, lighting, and generators to avoid downtime.

Plumbing & Water Systems

- Ensuring proper functionality of plumbing networks, water supply lines, and drainage systems.
- Maintenance of water tanks, pumps, and wastewater treatment systems.

Preventive Maintenance

- Scheduled servicing and checks to prevent issues like corrosion, seepage, or mechanical failures.
- Waterproofing and façade maintenance to protect the structure from environmental elements.

Emergency Repairs & Support

Round-the-clock assistance for unplanned incidents such as leaks, electrical failures, or equipment malfunctions.

Benefits for Construction Projects:

- **Cost Savings**: Regular maintenance reduces the risk of expensive emergency repairs.
- **Longevity**: Ensures the durability and lifespan of structures.
- **Compliance**: Maintains adherence to safety regulations and building codes.
- **Client Satisfaction**: Keeps properties functional, safe, and aesthetically appealing.

Applications in Construction:

Residential: Apartments, villas, and housing complexes.

Commercial: Office buildings, malls, and showrooms.

Infrastructure: Bridges, tunnels, and highways.

Specialty Structures: Hospitals, schools, and industrial facilities.

Organization Structure

CIVIL ENGINEER

Salim Shaikh
Technical Director

Virat Singhal
Joint Managing Director

BUSINESS DEVELOPMENT MANAGER

SUB CONTRACTOR

SANCHIT SINGHAL
MANAGING DIRECTOR

BUSINESS ASSOCIATES

INVESTOR/ PARTNERS

Amar Reddy
Honorary Strategic Advisor

Hasan Mahmud
Foreign Technical Director

JUNIOR LEVEL DESIGNERS

MID LEVEL DESIGNERS

ENGINEERS

WORKERS

Core Team

Sanchit Singhal – Managing Director

Sanchit Singhal, Managing Director of Lubon Infra Chem, leads with innovation and growth expertise in infrastructure and e-commerce. He drives solutions like waterproofing, retrofitting, and customized engineering services, focusing on efficiency and client satisfaction. Also the Director of Godwit Globalbird, an e-commerce platform, Sanchit blends digital and traditional business strategies. With expertise in data analytics, global development, and leadership, his ventures span IT and education, showcasing his entrepreneurial spirit and commitment to innovation.

Virat Singhal – Joint Managing Director

Virat Singhal, Joint Managing Director and Co-founder of Lubon Infra Chem, excels in business management, sales, and marketing. His strategic vision and client-focused approach have driven market growth and established the company as a trusted name in infrastructure solutions. Virat's strengths include team leadership, trend analysis, and building long-term client relationships. Passionate about sustainability, he refines service offerings to align with advancements, ensuring operational excellence and innovation within the organization.

Core Team

Salim Shaikh – Technical Director

Salim Shaikh, Technical Director of Lubon Infra Chem, is a civil engineer specializing in waterproofing, structural strengthening, and protective finishes. His precision-driven leadership ensures advanced repair techniques and sustainable construction solutions meet industry benchmarks. Salim designs customized solutions for complex projects and mentors teams, fostering a culture of learning and innovation. His expertise and dedication have solidified his reputation as a leader in delivering durable, efficient infrastructure solutions.

Hasan Mahmud
Foreign Technical Director

Hasan Mahmud, Foreign Technical Director, brings expertise in airport infrastructure, power generation, and environmental engineering. With degrees in Civil & Environmental Engineering and certifications like PRINCE2, Hasan excels in structural design, retrofitting, and environmental impact studies. He oversees technical operations, regulatory compliance, and design reviews, combining innovation and advanced software expertise. His industry contributions include publications, training, and seminars, making him a key driver of engineering excellence.

Core Team

Amar Reddy
Honorary Strategic Advisor

Amar Reddy, with 21+ years in construction and project management, has led high-impact projects across corporate, commercial, and educational sectors in India and the UK. His expertise includes feasibility studies, contract procurement, design development, and site management. Amar's collaborative approach integrates teams and contractors to achieve client objectives in time, cost, and quality. His leadership and commitment to excellence make him a trusted advisor in navigating complex projects.

Expert Panel

Mr. Sirish Kumar Challagulla - Scientist Instrumentation Technology

Sirish's expertise spans satellite communication, radar systems, and drone technology, making him a respected figure in advanced technologies. His contributions extend beyond tech innovation to the construction industry, where he has amassed deep knowledge in construction chemicals and building materials. His strategic involvement in supplying materials to major infrastructure projects, such as the Bangalore Metro, reflects his commitment to building a better future. Currently, Sirish is at the forefront of integrating AI and robotics into construction, envisioning a transformative leap for the industry.

Sunny Surlaker – Technical Director Assess Build Chem pvt.ltd.

Sunny Surlaker, Head of Technical Services at Assess Build Chem, is a civil engineer and concrete technologist specializing in admixtures, construction chemicals, and specialty materials. With expertise in concrete testing, asphalt mix designs, waterproofing, and repairs, he excels in material development and technical documentation. A skilled trainer, Sunny leads initiatives for professionals and students, focusing on advanced concrete, construction materials, and specialty solutions, driving innovation and technical excellence in the industry.

Expert Panel

Samir Surlaker - Expert in Construction Chemical Technology

Samir Surlaker is a renowned civil and structural engineer with over 45 years of global experience in concrete technology, construction chemicals, and waterproofing. A graduate of VJTI, he pioneered the manufacturing of construction chemicals in India in the 1980s through a German joint venture.

He is an active member of the Bureau of Indian Standards (BIS), contributing to the formulation of codes and standards for construction materials and practices. Additionally, he serves on the IRC B-8 Committee for the Repairs and Rehabilitation of Bridges, helping develop guidelines to enhance the durability and safety of India's infrastructure. As Chairman of the CIDC Codes Committee for Waterproofing, Repairs, and Rehabilitation, Surlaker has played a pivotal role in shaping national policies and standards to modernize and improve construction practices.

He was honoured in 2023 with most coveted CIDC VISHWAKARMA AWARD in the category " INDUSTRY DOYEN" for his 45 year's contribution in Construction Chemicals Industry. He is recipient of ACCE Gaurav Award. He was awarded "Outstanding Concrete Technologist Award by Indian Concrete Institute. He was President of CCMA (Apex Body) of CC for six years and ViCE PRESIDENT of Indian Concrete Institute.

Mr. Surlaker has been honored with prestigious accolades, including the Lifetime Achievement Award by the Waterproofers Association of India (2024), recognising his groundbreaking contributions and mentorship in the industry. A true visionary, he continues to shape modern waterproofing and construction solutions.

Project References

Tata Consultancy Services | Food-Grade Epoxy Flooring for Industrial Kitchen | 2014

Overview:
This project catered to the TCS industrial kitchen facility, demanding a flooring system compliant with food-grade standards. The flooring solution needed to ensure hygiene, chemical resistance, and ease of cleaning while adhering to regulatory standards.

Technical Details:

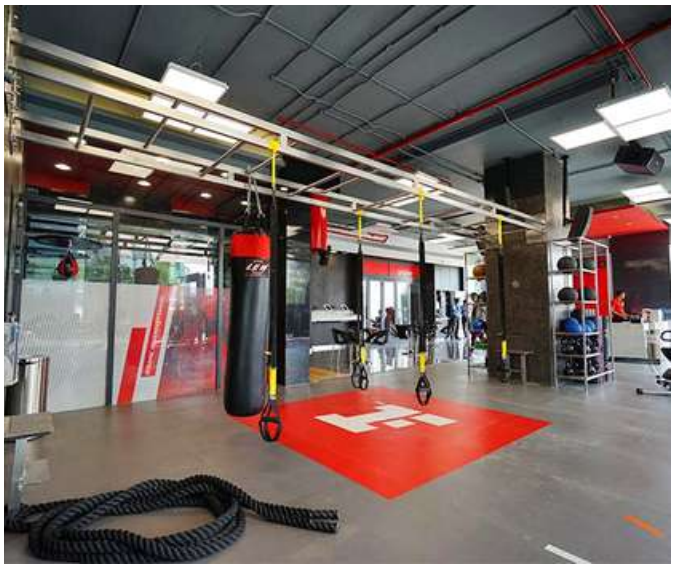
- **Material:** Food-grade epoxy flooring system certified as non-toxic and compliant with FDA/ISO standards.
- **Preparation:** Concrete substrate preparation via diamond grinding for surface roughness and better adhesion. Patching and leveling of the surface to ensure an even application.

Benefits Delivered:

- A hygienic, non-toxic, and durable flooring system suitable for food preparation areas.
- Resistance to oils, greases, and cleaning chemicals.
- Compliance with food safety and industry regulations.

Project References

Fitness First Mumbai | Structural Waterproofing of Gym Area | 2016



Overview:

The project focused on structural waterproofing for Fitness First Mumbai's gym area, where high moisture levels and potential water seepage posed a risk to equipment and structural integrity.

Technical Details:

- **Material:** Cementitious waterproofing system with high tensile strength.
- **Preparation:** Surface cleaning and treatment for loose plaster and contaminants.Crack repair using a polymer-modified mortar.

Benefits Delivered:

- Durable, moisture-resistant surface suitable for high-use areas.
- Prevention of seepage and structural degradation.
- Prolonged lifespan of the gym area and equipment.

Project References

Hyatt Place Goa Candolim | Specialized Anti-Microbial Flooring for Cold Rooms | 2017

Overview:
The project involved installing specialized anti-microbial flooring in cold storage rooms at Hyatt Place Goa. The flooring needed to meet strict hygiene standards while withstanding low temperatures and chemical exposure.

Technical Details:

- **Material:** Anti-microbial polyurethane flooring system with enhanced chemical resistance.
- **Preparation:** Removal of the existing flooring and thorough cleaning of the substrate. Profiling of the surface to improve bonding

Benefits Delivered:

- Hygienic, anti-microbial flooring suitable for cold storage environments.
- Resistance to temperature fluctuations, bacterial growth, and cleaning chemicals.
- Compliance with international food safety standards.

Project References

Capital Mall Bhopal, MP | Membrane Waterproofing and Joint Flashing of Central Atrium Dome | 2017

Overview:

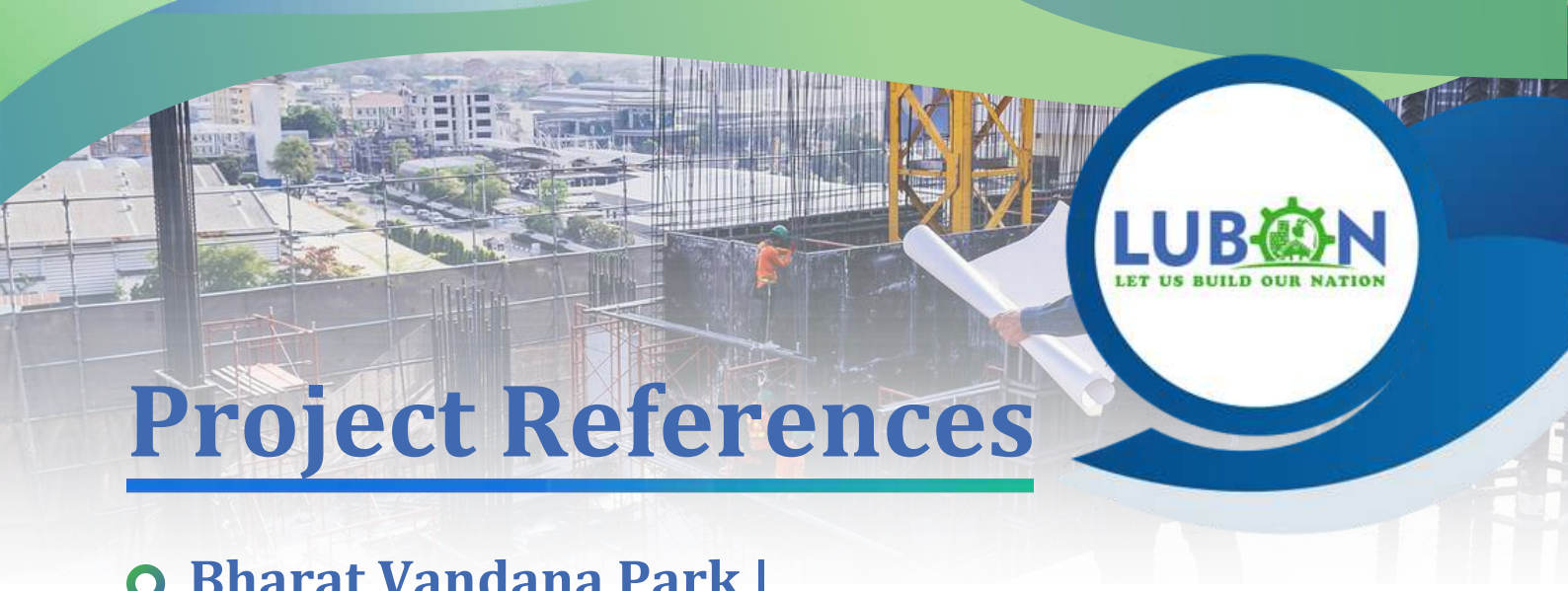
This project addressed water seepage and joint vulnerabilities in the central atrium dome of Capital Mall, Bhopal. A membrane-based solution was selected to provide durable and flexible waterproofing for this high-profile structure.

Technical Details:

- **Material:** : Reinforced elastomeric waterproofing membrane.
- **Preparation:** Cleaning of the dome surface and removal of deteriorated materials. Sealing of expansion joints using a polyurethane sealant

Benefits Delivered:

- Long-lasting waterproofing with excellent resistance to weather conditions.
- Enhanced durability of the dome structure and prevention of leakage.
- Aesthetically pleasing finish suitable for the mall's central attraction.



Project References

Bharat Vandana Park | APP Membrane Waterproofing | 2024

Overview:

The project involved APP (Atactic Polypropylene) membrane waterproofing for Bharat Vandana Park, a large-scale public infrastructure project. The waterproofing system was crucial for ensuring longevity and structural protection.

Technical Details:

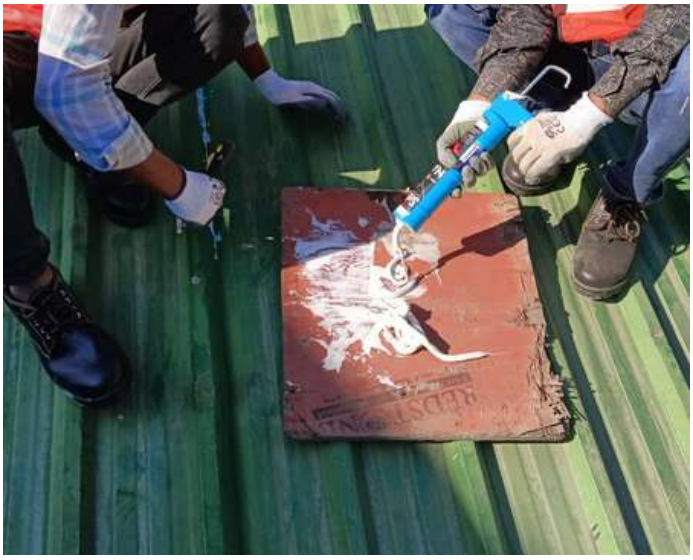
- **Material:** APP-modified bitumen membrane with high tensile strength and flexibility.
- **Preparation:** Surface cleaning and leveling to remove dirt, dust, and debris. Application of a bitumen-based primer for better adhesion.

Benefits Delivered:

- Durable and weather-resistant waterproofing solution.
- Protection against water infiltration and structural degradation.
- Cost-effective and long-term performance for large-scale infrastructure.

Project References

Kullu Central Mall | Rooftop Waterproofing and Joint Repair | 2023



Overview:

The project involved implementing a comprehensive waterproofing and joint repair system for the rooftop of Kullu Central Mall, located in a high-altitude region with variable climatic conditions. The solution aimed to prevent water infiltration, protect structural components, and enhance the building's resilience against environmental challenges.

Technical Details:

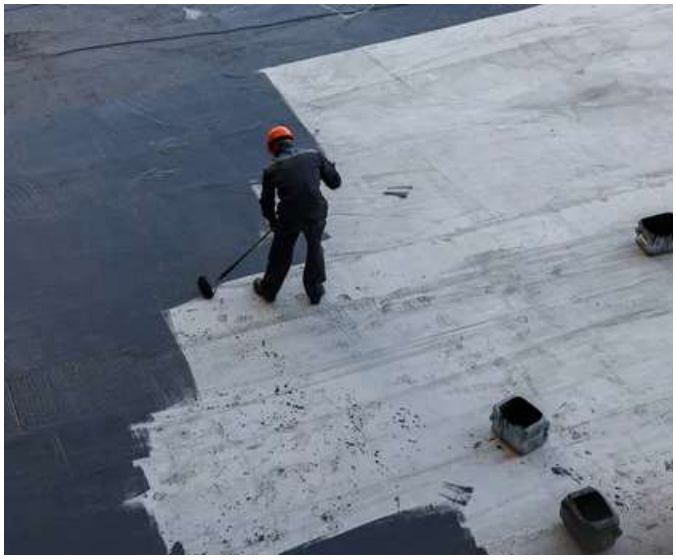
- **Material:** : Elastomeric membranes. Liquid-applied coatings & Specialized joint sealants
- **Preparation:** Substrate cleaning to remove dirt, debris, and contaminants. Cracks and joint gaps were repaired using flexible fillers to ensure surface readiness.

Benefits Delivered:

- Seamless Protection: Prevented water infiltration and safeguarded the structure against environmental wear.
- Flexibility and Durability: Materials accommodated temperature
- Enhanced Longevity: Reduced future repair costs, improved interior asset protection.

Project References

Jaslok Hospital Mumbai | High-Build Polyurethane Waterproofing | 2023



Overview:

The project involved applying a high-build polyurethane waterproofing system to various areas of Jaslok Hospital, a leading multi-specialty healthcare institution in Mumbai. Given the sensitive nature of the facility, the waterproofing solution needed to ensure long-term durability, chemical resistance, and leak-proof performance.

Technical Details:

- **Material:** High-build polyurethane membrane, offering exceptional elasticity and crack-bridging capabilities.
- **Preparation:** Substrate cleaning was conducted to remove dirt, debris, and contaminants. Any surface cracks or unevenness were rectified using epoxy-based fillers.

Benefits Delivered:

- Seamless waterproofing with excellent adhesion to concrete.
- Resistance to hospital-related chemicals and biological contaminants.
- Enhanced safety for structural components in a healthcare environment.

QUALITY ASSURANCES

LET US BUILD OUR NATION

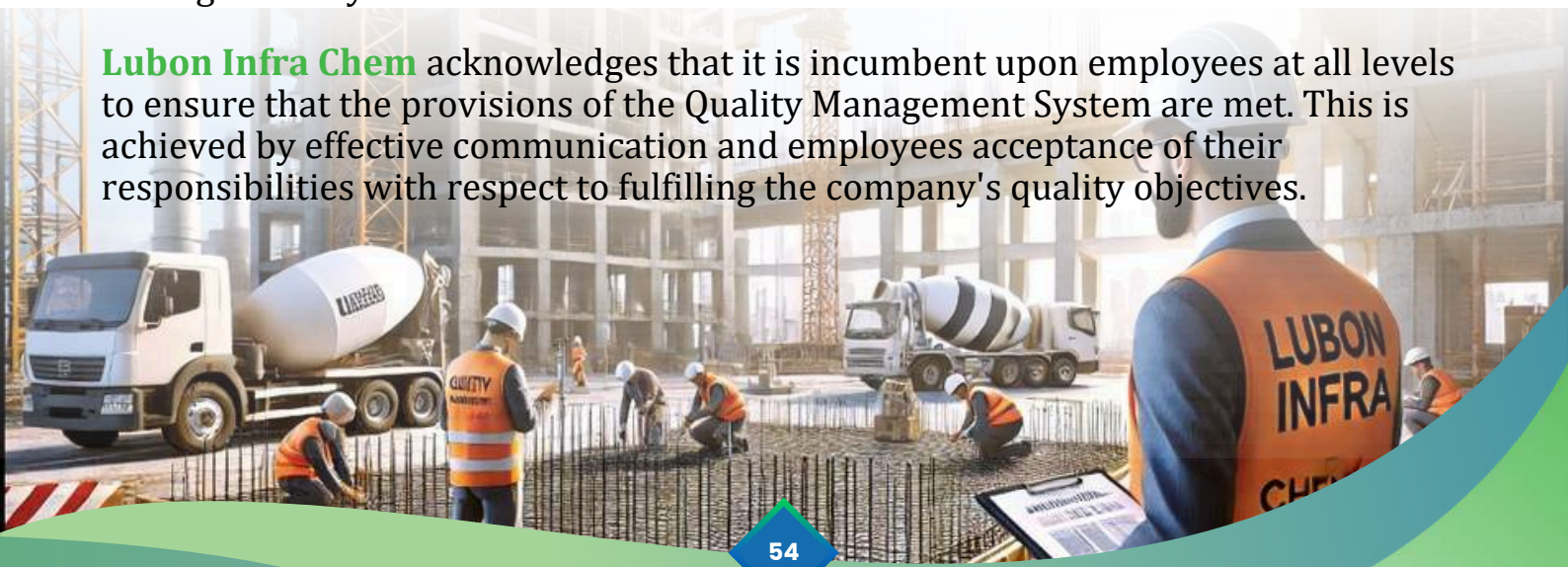
Lubon Infra Chem is committed to achieving Quality and has adopted the philosophy that Quality is not an event, but a journey without a finish line. The aim is to become a leader in the field by providing clients with a high standard of work conforming to contract specifications, with a clear focus on achieving client and employee satisfaction.

Quality Management System at Lubon Infra Chem has been developed, implemented and maintained in accordance with the requirements of ISO 9001:2015. Lubon Infra Chem is committed to continuously improving the effectiveness of the Quality Management System.

Lubon Infra Chem has established the following measurable quality objectives: Ensuring that the client's requirements are well-understood and Satisfied to the best of our ability. Ensure effective and efficient delivery of service to meet the needs and expectation of clients.
Ensure cost effective solutions to clients

Ensure the activities engaged by the company are conducted safely for employees. subcontractors and visitors to maximise performance. Ensure high quality work, conforming to the contract specifications, building Regulations and industries best practices.

Lubon Infra Chem acknowledges that it is incumbent upon employees at all levels to ensure that the provisions of the Quality Management System are met. This is achieved by effective communication and employees acceptance of their responsibilities with respect to fulfilling the company's quality objectives.



CERTIFICATES

CERTIFICATE NO:
DIPP189526

#startupindia

Government of India
Ministry of Commerce & Industry
Department for Promotion of Industry and Internal Trade

CERTIFICATE OF RECOGNITION

This is to certify that ***LUBON INFRA CHEM PRIVATE LIMITED*** *incorporated as a* ***Private Limited Company*** *on* ***13-05-2023****, is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Construction' Industry and 'New-age Construction Technologies' sector as self-certified by them.*

This certificate shall only be valid for the Entity up to **Ten** years from the date of its incorporation only if its turnover for any of the financial years has not extended **₹ 100 Cr.**

22-01-2025
DATE OF ISSUE

Scan to Verify

12-05-2033
VALID UPTO

LearnTube by CareerNinja

Certificate of Completion

This certificate is presented to
Mohammad Salim Shaikh
for successfully completing
Project Management Assessment

Shronit L Gargi R.L.

Shronit Ladhani & Gargi Ruparelia
CO-FOUNDERS, LEARNTUBE

Get Yours/Verify Here:

Id: DIA-B-1-885310-0 Date: January 17, 2025

MANAGEMENT SYSTEM CERTIFICATE

VERIFIED

www.royalapl.com

This is to certify that

LUBON INFRA CHEM PRIVATE LIMITED
C-58/2, NEW DELHI PHASE-2 OSIDC SAIDE, OKHLA INDT AREA, NEW DELHI, SOUTH EAST DELHI-110020.
Has been assessed by RAPL and found to comply with the requirements of

ISO 9001:2015
Quality Management Systems

For the following activities:

INTEGRATED CONSTRUCTION ENGINEERING SOLUTIONS AND ADVANCED HIGH PERFORMANCE TREATMENTS

CertificateNumber:E20240712XXX
Date of certification: xxxxxxxx
Ist Surveillance on or before: xxxxxxx
IIndSurveillanceonorbefore:xxxxxxx
Certification Valid Until: xxxxxxx

EGAC

IAF

Director(Certification)
RoyalAssessments

Accredited
QMSCertificationCAB#119012

CERTIFICATES

MANAGEMENT SYSTEM CERTIFICATE

VERIFIED

This is to certify that

LUBON INFRA CHEM PRIVATE LIMITED

C-58/2, NEW DELHI PHASE-2 OKHLA INDT AREA, NEW DELHI, SOUTH EAST DELHI-110020.

Has been assessed by RAPL and found to comply with the requirements of

ISO 14001:2015

Environmental Management Systems

For the following activities:

INTEGRATED CONSTRUCTION ENGINEERING SOLUTIONS AND ADVANCED HIGH PERFORMANCE TREATMENTS

CertificateNumber:E2024071 2XXX
Date of certification: xxxxxxxx
Ist Surveillance on or before: xxxxxxx
IIndSurveillanceonorbefore:xxxxxxx
Certification Valid Until: xxxxxxx

EGAC

IAF

Director(Certification)
RoyalAssessments

Accredited
OMSCertificationCAB#119012

MANAGEMENT SYSTEM CERTIFICATE

VERIFIED

This is to certify that

LUBON INFRA CHEM PRIVATE LIMITED

C-58/2, NEW DELHI PHASE-2 OKHLA INDT AREA, NEW DELHI, SOUTH EAST DELHI-110020.

Has been assessed by RAPL and found to comply with the requirements of

ISO 45001:2018

Occupational Health & Safety Management Systems

For the following activities:

INTEGRATED CONSTRUCTION ENGINEERING SOLUTIONS AND ADVANCED HIGH PERFORMANCE TREATMENTS

CertificateNumber:E2024071 2XXX
Date of certification: xxxxxxxx
Ist Surveillance on or before: xxxxxxx
IIndSurveillanceonorbefore:xxxxxxx
Certification Valid Until: xxxxxxx

EGAC

IAF

Director(Certification)
RoyalAssessments

Accredited
OMSCertificationCAB#119012

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	**UDYAM-DL-09-0020275**
NAME OF ENTERPRISE	**M/S LUBON INFRA CHEM PRIVATE LIMITED**

TYPE OF ENTERPRISE *

SNo.	Classification Year	Enterprise Type	Classification Date
1	2023-24	Micro	07/03/2024

MAJOR ACTIVITY — **SERVICES**

SOCIAL CATEGORY OF ENTREPRENEUR — **GENERAL**

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	Lubon

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	c 58/2, Second Floor	Name of Premises/ Building	Lubon
Village/Town	Delhi	Block	C
Road/Street/Lane	okhla phase 2, Industrial area	City	delhi
State	DELHI	District	SOUTH EAST , Pin 110020
Mobile	9667716622	Email:	reachus@luboninfrachem.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE — **13/05/2023**

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS — **01/07/2023**

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	71 - Architecture and engineering activities; technical testing and analysis	7110 - Architectural and engineering activities and related technical consultancy	71100 - Architectural and engineering activities and related technical consultancy	Services

DATE OF UDYAM REGISTRATION — **07/03/2024**

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 07/03/2024

For any assistance, you may contact:

1. District Industries Centre: DELHI (DELHI)

2. MSME-DFO: DELHI (DELHI)

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LUBON INFRA CHEM PVT. LTD.

LET US BUILD OUR NATION

CLIENTS

QUALITY YOU CAN BUILD ON

Scan Here
Website

Corp. E-mail
reachus@luboninfrachem.com

Website
www.luboninfrachem.com

Location
Platina Tower, Mehruli-Gurgaon Rd,
A Block, DLF Phase-1, Sector-28,
Gurugram, Haryana-122002

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