



STRUCT-CURE

We Cure Your Structure
Engineers & Contractor



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About US



Mr. Dharmesh Desai

As a renowned name in the field of Rehabilitation, Repairs, Retrofitting and Allied Construction work across the entire spectrum of Civil, Industrial and Infrastructure projects, Struct - Cure has earned its laurels through a fertile imagination, unconventional thinking and varied experience.

Established by Mr. Dharmesh Desai a civil engineer who having 35+ years of experience in the field of Civil Construction industries, handled various Industrial and residential projects, Repairs, Retrofit & rehabilitation of projects. We offered Our Services as per the requirement of Requirement Of esteemed clients. We use high quality raw materials and Super plasticizers throughout our service. In every field as we are one of the renowned quality centric organization and quality is our core value. We procure the raw materials from quality driven organization We offer these services with complete planning and designing of the project.

Our team of experts and professional engineers are gained experience from past many years in the field of structure repairs and retrofitting. We use latest and high performance machinery & equipments in our services. We provide these services in various parts of the country and make a permanent relationship with our esteemed clients.



Structure Evaluation

Structure evaluation is the comprehensive assessment and analysis of buildings, bridges, or other engineering structures to determine their condition, integrity, and performance. It involves conducting inspections, tests, and analyses to identify any defects, damages, or potential risks.



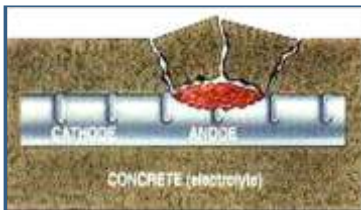
The benefits of structure evaluation are numerous. It helps ensure the safety and reliability of structures by identifying weaknesses and providing insights for necessary repairs or maintenance. Early detection of structural issues can prevent catastrophic failures, ensuring public safety and reducing liability for owners. Moreover,

structure evaluation allows for optimal planning and budgeting for repair and rehabilitation of projects, extending the service life of assets and promoting sustainable infrastructure development.



Repairing Of Corrosion Damaged Concrete

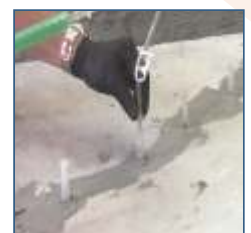
Corrosion repairs involve addressing damage caused by corrosion in concrete. They help maintain structural integrity, increase safety, and extend the lifespan of assets and structures. By preventing catastrophic failures and costly replacements by new construction, corrosion repairs lead to improved reliability, reduced downtime, and significant cost savings. These repairs also contribute to environmental sustainability by minimizing waste and resource consumption. Overall, investing in corrosion repairs is a proactive and prudent approach, ensuring safety, longevity, and cost-effectiveness for various industries and applications.



Injection & Pressure Grouting

Injection Pressure Grouting
Pressure Injection consolidated & curtain grouting like

1. Polymer Cement Grouts.
2. Epoxy Resins for grouting
3. PU Grouting





Injection & Pressure Grouting

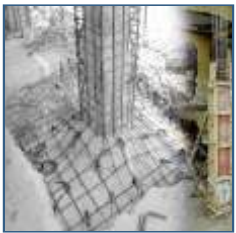
Injection and pressure grouting are construction techniques used to improve the properties and stability structures. Injection grouting involves injecting materials, like cement, epoxy or polyurethane, into the ground or structure to fill voids, strengthen the structure or stop leaks in foundations.

The benefits of injection and pressure grouting include increased structural integrity, improved load-bearing capacity and reduced water infiltration. These techniques help stabilize foundations, control ground settlement, and prevent further damage to structures. They are cost-effective solutions for repairing and enhancing the durability of various civil engineering structures.



Structural Strengthening Jacketing

Micro Concrete Jacketing



Micro concrete jacketing is a structural repair technique used to reinforce and strengthen deteriorated or damaged concrete structures, such as columns, beams, and slabs. In this method, a specially formulated high-strength micro concrete mix is applied as a thin layer around the existing concrete surface. The micro concrete adheres well to the substrate, providing additional support and load-bearing capacity.

The benefits of micro concrete jacketing include enhanced structural integrity, increased load-carrying capacity and improved resistance against external stresses and forces. This cost-effective solution helps extend the service life of aging structures, avoids costly replacements and ensures the safety and reliability of the reinforced elements in various construction projects



Fiber Wrapping



Fiber wrap jacketing, also known as fiber reinforced polymer (frp) jacketing, is a structural strengthening technique used to enhance the load-carrying capacity of concrete, masonry, and steel structures. It involves wrapping the surface of the structure with high-strength fibers, typically carbon or glass, embedded in a polymer matrix. The fiber wrap jacketing provides additional tensile strength and confinement, effectively reinforcing the existing structure.



The benefits of fiber wrap jacketing include increased structural strength, improved resistance to cracking and deformation, and enhanced durability. This method is lightweight, easy to apply, and minimally invasive, reducing downtime during the strengthening process. It is particularly useful for retrofitting and rehabilitating aging structures, extending their service life and making them more resilient to environmental and loading challenges.





Concrete Repairing

Concrete Road Repairing

Concrete road repairing refers to the process of restoring and maintaining concrete pavements, highways, and roads that have experienced damage, cracks, potholes, or other deterioration. It involves various techniques such as filling cracks, patching potholes and resurfacing damaged sections with new concrete or asphalt overlays.

The benefits of concrete road repairing are significant. repairs improve road safety by minimizing hazards for vehicles and pedestrians. They also enhance driving comfort and reduce vehicle maintenance costs. Timely repairs extend the lifespan of roads, saving on the expenses associated with complete reconstruction. Additionally, well-maintained roads contribute to economic development, as smooth transportation networks facilitate the movement of goods and people efficiently



Concrete Structural Repairing



Cracks are early indication of failure of structure.

Cracks affect the building artistic and it also destroys the integrity, affects the structure's safety, even reduces the durability of structure.

Structural cracks appears due to Incorrect design, faulty construction, Overloading

Significance of Unattended Cracks

1. Leads to leakage
2. Ingress of Moisture leading to Carbonation
3. Ingress of corrosion chemicals
4. Ingress of chloride leading to corrosion of reinforcement inside

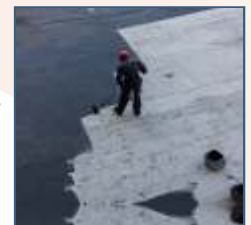


Water Proofing



Waterproofing is the process of making surfaces or structures resistant to the penetration of water or moisture. It involves applying various waterproofing materials, such as coatings, membranes, sealants, or cementitious products, to prevent water ingress and protect against water-related damage, like leaks, seepage, and mold growth.

The benefits of waterproofing are crucial for maintaining the integrity of buildings and structures. Waterproofing safeguards against water-induced structural deterioration, preventing costly repairs and enhancing the longevity of the construction. It also protects interior spaces from water damage, ensuring a safe and healthy living or working environment. Waterproofing is particularly vital for basements, roofs, balconies, and bathrooms, as it prevents water-related issues and preserves the value of properties.





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Protective Coatings & Paintings



Protective coatings and paintings are applied to various surfaces, such as metals, concrete and wood, to provide a barrier against environmental factors and prevent deterioration. These coatings act as a shield, protecting the underlying material from corrosion, abrasion, chemical exposure, uv radiation, and weathering.

The benefits of protective coatings and paintings include extending the lifespan of structures and equipment, reducing maintenance costs and enhancing aesthetics. They also improve the safety and performance of assets as coatings can provide fire resistance, heat resistance, anti-slip properties, food grade coating etc. Additionally, protective coatings contribute to environmental protection by minimizing the need for premature replacements and conserving resources.



Our Client

