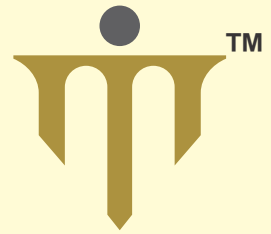


**EXPERT IN:
BUILDING STRUCTURES
&
SURFACE FINISHING
(EXTERIOR & INTERIOR)**



MIRAI INFRA
Foundations for life





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ABOUT US



MIRAI INFRA has been successfully operating for over 15 years, consistently incorporating cutting-edge technologies in building repairs and maintenance, interior and exterior painting, plumbing, and both internal and external structural work. With a wide array of skills available in-house, our team conducts comprehensive building surveys, identifies core issues, proposes necessary solutions, and performs repairs and aesthetic enhancements.

In 2021, with India's vision of "Atmanirbhar Bharat," the nation is experiencing a transformation in infrastructure. While new developments are powered by advanced technology, older infrastructure is being upgraded with the latest strengthening tools.

As **MIRAI INFRA** continues to grow rapidly, we recognize the need for specialized, stronger technical and professional support to address the diverse demands of the infrastructure industry. To achieve this goal, we have partnered with top Architects, Structural Engineers, and Contractors, whose expertise will ensure that services are delivered to clients reliably, promptly, and economically, maximizing efficiency and quality.



OUR SERVICES



Exterior & Interior Painting



Carpentry



Water Proofing



Epoxy Floor Coating

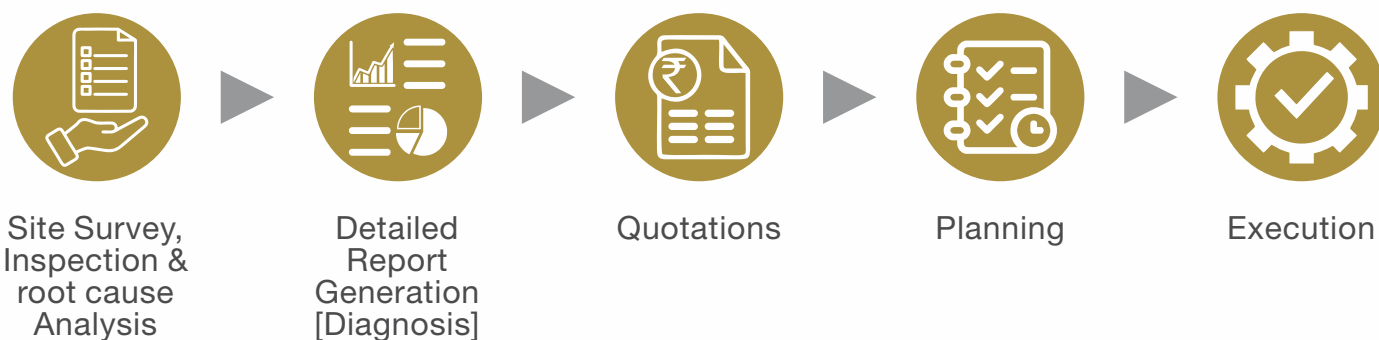


Plumbing



All Types of Civil Works





PREVENTION IS BETTER THAN CURE

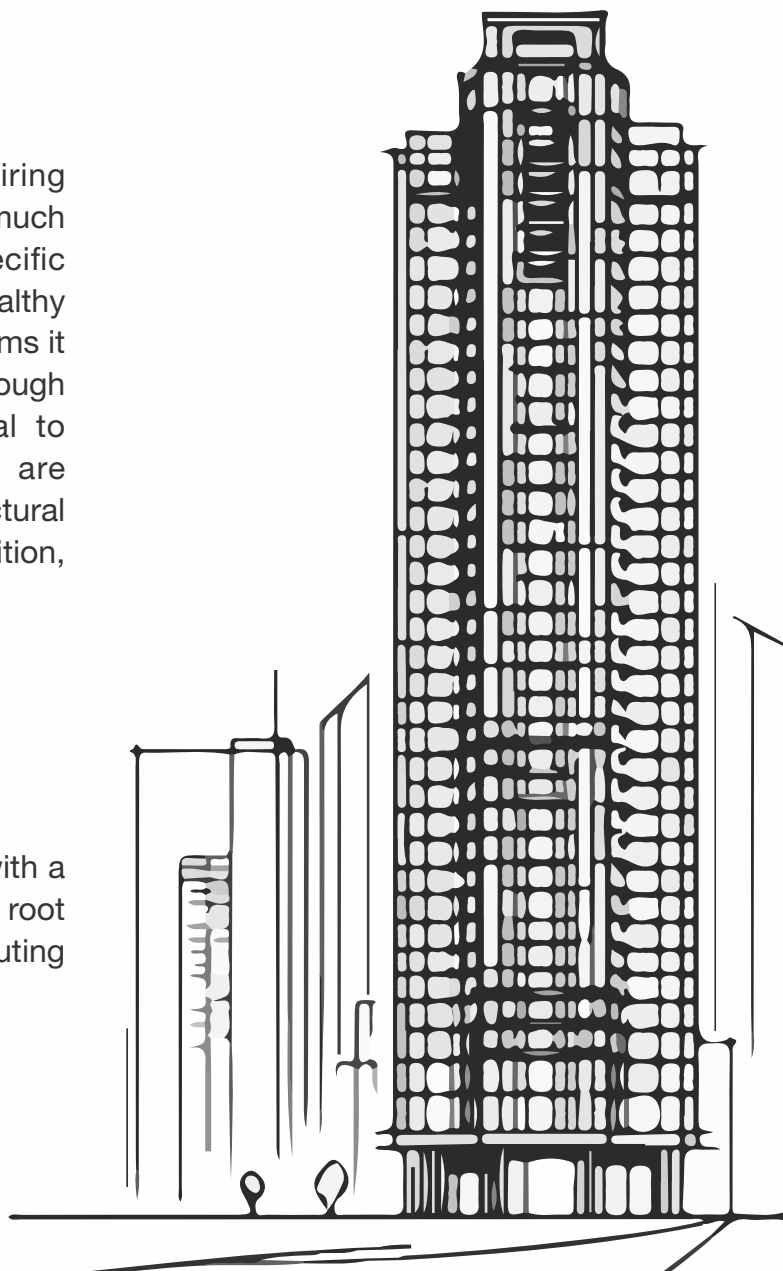
Over time, buildings begin to develop issues such as exterior wall leakages, seepage from kitchens and bathrooms, and weakening structural integrity. Detecting these problems early and taking timely corrective and preventive measures are essential to ensure the longevity of the building, as well as maintain the beauty and health of your home.

WHY DIAGNOSIS MATTERS

Each issue has its own solution, requiring tailored treatment for effective resolution—much like how different illnesses require specific medications. The only way to ensure a healthy building is to accurately identify any problems it might face, which can only be done through thorough diagnosis. Diagnosis is crucial to pinpoint what repairs or maintenance are necessary to preserve the building's structural integrity. Depending on the building's condition, various levels of diagnosis may be needed.

APPROACH - IDENTIFYING ISSUES AND SOLUTIONS WITH RECOMMENDATIONS

Our approach to building upkeep begins with a detailed diagnostic process, identifying the root causes, offering expert solutions, and executing them with skilled professionals.

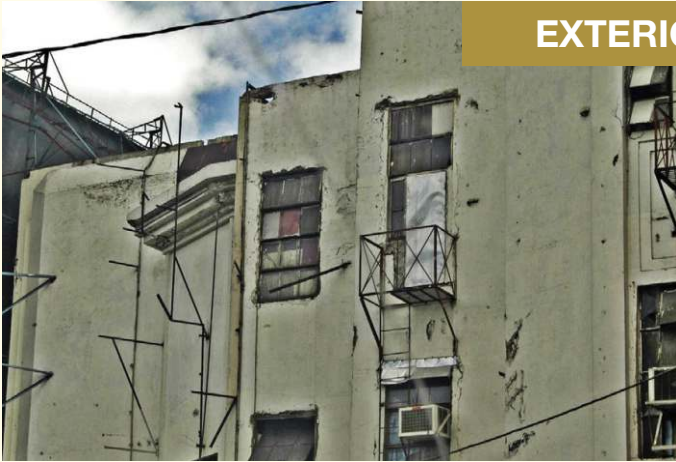




CHALLENGES AND SOLUTIONS

LEAKAGE ISSUES IN EXTERIOR WALLS AND TERRACES

EXTERIOR WALLS



PROBLEM:

Exterior walls are continuously subjected to fluctuating weather conditions such as intense sunlight, cold winters, heavy rainfall, and more. These factors not only affect the paint but also cause the surface to crack. These cracks can eventually lead to leaks and, if left unresolved, may result in structural damage over time.

SOLUTION:

The solutions here depend on the severity of the issue. For situations where significant portions of the wall require protection—beyond just the aesthetic purpose of paint—applying a thicker, more flexible, and breathable coating can be highly effective. This type of coating is more durable and safeguards the surface not only from moisture but also from everyday wear and tear. It helps prevent water infiltration for an extended period while also providing an attractive finish to the exterior.

TERRACE



PROBLEM:

The terrace is a critical part of a building, constantly subjected to the harshest weather conditions, and is often the primary source of leaks in any structure. Traditional roofing systems like Brickbat Coba, China Mosaic, and IPS finishes are rigid and, over time, develop cracks that allow water to seep through.

SOLUTION:

The traditional solution to this issue involves removing the existing system (by breaking it) and reapplying it after waterproofing the slab. This process is time-consuming, disruptive, and may cause damage to the slab. Alternatively, applying a thick elastomeric UV-resistant coating over the Brickbat Coba or China Mosaic creates a flexible layer that can bridge cracks and adapt to surface movements caused by changing weather conditions. This method not only extends the lifespan of the structure but also prevents water infiltration.



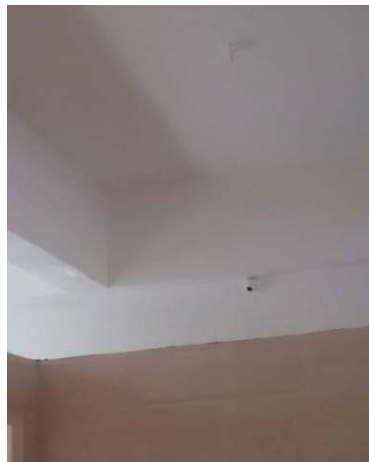
CHALLENGES AND SOLUTIONS

STRUCTURAL DEFICIENCIES



PROBLEM:

Corrosion of reinforcement bars can result in the degradation of concrete. Rusting of steel bars can cause the concrete to weaken. The corrosion of rebar can lead to the disintegration of concrete. Steel bar corrosion can contribute to the breakdown of concrete.



SOLUTION:

A chloride-free rust remover, which efficiently eliminates rust from the steel surface, must be applied before any protective coating is used. Zinc-based epoxy coatings offer galvanic protection to the bars, ensuring they do not rust again.



PROBLEM:

Severely damaged RCC elements like beams, columns, and slabs cannot be repaired with regular concrete due to limited access to the affected areas.



SOLUTION:

This requires the use of high-strength, structural-grade, non-shrink, free-flowing repair mortar that can effectively restore damaged RCC elements. While repairing RCC structures is challenging due to limited access, it's equally important to ensure that the material used is of consistent quality and possesses high-strength properties. The repair mortar should be capable of repairing surface-damaged concrete and forming a strong bond.

STRUCTURAL DEFECTS AND CRACKING



In addition to being visually unappealing, delayed repairs can significantly reduce the lifespan of a structure. Moisture infiltration accelerates deterioration through processes like corrosion and expansion, eventually leading to failure and collapse. Using traditional sand-cement mortar for repairs often results in the reappearance of damage over time due to shrinkage. Therefore, it is crucial to use materials that resist shrinkage and provide strong bonding, which not only extends the life of the structure but also helps preserve its aesthetic appeal.



MILESTONE DEVELOPMENTS



Bombay Dyeing Mill, MHADA | Dadar (W)
AREA (Sq.ft.) 10,00,000



MILESTONE DEVELOPMENTS



RNA Park C.H.S. | Chembur

AREA (Sq.ft.) 2,75,000

Services Offered External Repairs, External Texture & Painting



MILESTONE DEVELOPMENTS



Kukreja Chembur Height | Chembur

AREA (Sq.ft.) 5,00,000

Services Offered External Painting



Highland Heaven | Thane (W)

AREA (Sq.ft.) 4,50,000

Services Offered Gypsum plaster on wall and ceiling and fall ceiling work on ceiling



MILESTONE DEVELOPMENTS



Omkar Sai C.H.S. | Lower Parel (W)
AREA (Sq.ft.) 3,00,000
Services Offered Internal & External Painting



Nageshwar Krupa | Ghatkopar (W)
AREA (Sq.ft.) 1,50,000
Services Offered Exterior Repairs and painting



Morarji Mills MHADA | Goregaon (West)
AREA (Sq.ft.) 1,50,000



MILESTONE DEVELOPMENTS



Dhanlaxmi C.H.S.

AREA (Sq.ft.) 1,50,000

Services Offered Exterior Painting



Padmini C.H.S. | Andheri (W)

AREA (Sq.ft.) 1,50,000

Services Offered Exterior Repairs and Painting



MILESTONE DEVELOPMENTS



Valleyship | Kharghar

AREA (Sq.ft.) 1,30,000

Services Offered Exterior Elastomeric Coating



Kukreja Tower | Belapur (W)

AREA (Sq.ft.) 2,00,000

Services Offered Painting



Gyan Kendra School & Jr. College | Andheri (W)

AREA (Sq.ft.) 2,00,000





MILESTONE DEVELOPMENTS



Neelam Nagar 9 D | Mulund

REA (Sq.ft.) 35,000

Services Offered Exterior Repairs and Painting



Neelam Nagar 9 C | Mulund

AREA (Sq.ft.) 35,000

Services Offered External Repairs and Painting



MILESTONE DEVELOPMENTS



Swapnapurti | Kharghar

AREA (Sq.ft.) 1,00,000

Services Offered Exterior Elastomeric Coating



DNS Villa C.H.S. | Ghatkopar (W)

AREA (Sq.ft.) 70,000

Services Offered Repairing & Painting



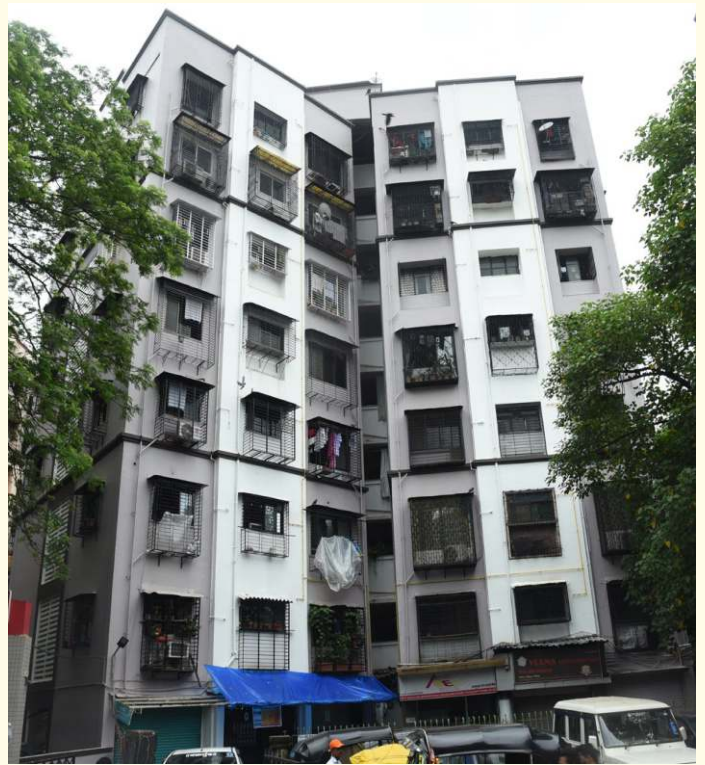
MILESTONE DEVELOPMENTS



Rajshree Villa | Bhandup

AREA (Sq.ft.) 45,000

Services Offered Exterior Painting



Gurudatta C.H.S. | Chunabhatti

AREA (Sq.ft.) 55,000

Services Offered Exterior Repairs and Painting



Jeevandeep CHS | Ghatkopar (E)

AREA (Sq.ft.) 35,000

Services Offered Exterior Painting



Shiv Shakti C.H.S. | Mulund (W)

AREA (Sq.ft.) 32,000

Services Offered Exterior Painting



MILESTONE DEVELOPMENTS



Prabhat C.H.S. | Ghatkopar (E)

AREA (Sq.ft.) 32,000

Services Offered Exterior Repairs and Painting



Udyan Darshan | Ghatkopar (E)

AREA (Sq.ft.) 55,000

Services Offered Exterior Repairs and Painting



MILESTONE DEVELOPMENTS



Hind Industries | Dadar (W)

AREA (Sq. ft.) 40,000

Services Offered Repairing & Painting



Sai Ganesh C.H.S. | Ghatkopar (W) | AREA (Sq.ft.): 32,000

Services Offered: Repairing & Painting



Pushpakamal C.H.S. | Parle (E)

AREA (Sq. ft.) 25,000

Services Offered Repairing & Painting

Sindhubairavi | Ghatkopar (E)

AREA (Sq.ft.) 22,000

Services Offered Exterior Repairs and Painting



MILESTONE DEVELOPMENTS



Shrivrinda C.H.S. | IThane (W)
 AREA (Sq.ft.) 25,000
 Services Offered Exterior Repairs and Painting



Bernard C.H.S. | Mahim (W)
 AREA (Sq.ft.) 10,000
 Services Offered Repairing & Painting



Sai Ashish C.H.S. | Bandra (W)
 AREA (Sq. ft.) 12,000
 Services Offered Repairing



MILESTONE DEVELOPMENTS



Bhagtani C.H.S. | Bandra (W)
AREA (Sq.ft.) 8,500
Services Offered Repairing



Panom Park | Andheri (W)
AREA (Sq.ft.) 35,000
Services Offered Exterior Texture Painting



Balasaheb Jadhav Jr. College | Ale Phata Junnar, Pune
AREA (Sq.ft.) 60,000
Services Offered Internal & External Painting





MILESTONE DEVELOPMENTS



Rajnigandha C.H.S.I Ghatkopar (W)
AREA (Sq.ft.) 18,000
Services Offered: Repairing & Painting



TATA Power House | Andheri (W)
AREA (Sq.ft.) 30,000
Services Offered Internal & External Painting



MILESTONE DEVELOPMENTS



Swapna Puri Bangalows

AREA (Sq.ft.) 10,000

Services Offered Internal & External Painting



Sai Vihar Bangalows

AREA (Sq.ft.) 7,000

Services Offered Internal & External Paintinga



Yadav's Bangalows

AREA (Sq.ft.) 6,000

Services Offered Internal & External Painting



MILESTONE DEVELOPMENTS



Hakimi C.H.S. | Goregaon (W)

AREA (Sq.ft.) 3,000

Services Offered Internal Columns & Beams Repairing



Bandra Beasto Hotel | Bandra (E)

Services Offered Hotel Interior



MILESTONE DEVELOPMENTS



Sant Dnyaneshwar Reda Samadhi Mandir | Alegaon
Services Offered Painting



Devi Malganga Mandir | Pimpri
Services Offered Painting

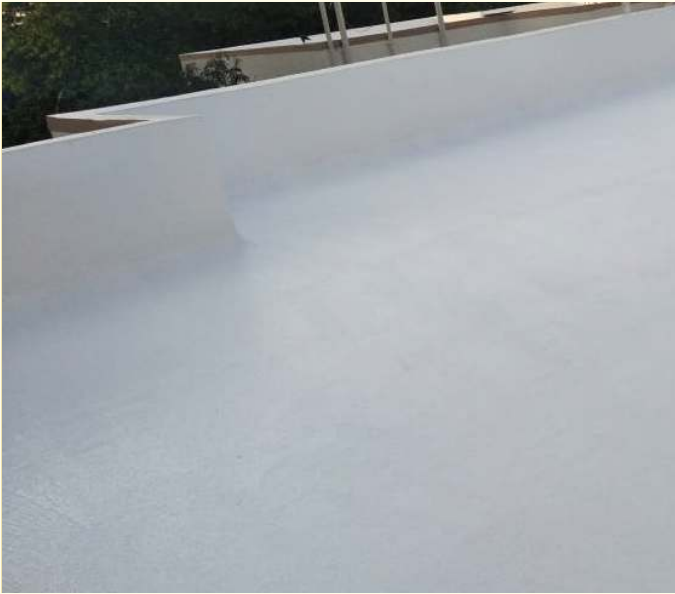


Devi Muktabai Mandir | Pimpri
Services Offered Painting



MILESTONE DEVELOPMENTS

TERRACE WATERPROOFING



RNA Park C.H.S.
AREA (Sq.ft.) 21,000



Shriniwas C.H.S.
AREA (Sq.ft.) 9,394



Kamal Kunj C.H.S.
AREA (Sq.ft.) 4,000



Tanishq Tower
AREA (Sq.ft.) 6,000



Kailas Jyot C.H.S.
AREA (Sq.ft.) 10,000

GANESH S. CHAVAN
Proprietor



MIRAI INFRA
Foundations for life

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