



# CASE STUDY

## Terrace & Exterior Wall Waterproofing

CLIENT NAME : Architect Raj Nagpal

PROJECT LOCATION : Bhopal

### Overview

NeerKavach had the opportunity to provide top-notch waterproofing solutions for renowned **Ar. Raj Nagpal**. Our focus was on ensuring long-term durability and protection against environmental damage, using industry-leading products and techniques.

### Scope of Work

#### Terrace Waterproofing

We applied a Fibre Mesh coating to ensure superior water resistance and longevity. The process involved :

- **Surface Preparation** : Thorough cleaning to remove dust and debris, ensuring optimal adhesion.

#### Layered Coatings for Maximum Protection:

- **First Coating** : CemCrete cement polymer product for initial waterproofing.
- **Second Coating** : Polymer + Fibre Mesh coating with grey waterproofing adhesive for reinforcement.
- **Third Coating** : Polymer-based coating with grey adhesive for maximum durability.
- **Final Repair Coat**: Chemical and cement-based repair coat for a flawless finish.

**Quality Check:** Water testing post-completion to verify effective waterproofing.

### Challenges

- A main challenge was getting the waterproof layers to stick well on old, uneven walls. Changing weather also made it tricky to apply each layer on time.

### Materials Used :

- MASTER Crete .
- Fibre Mesh.
- Waterproof Grey Cement.

### Exterior Wall Waterproofing :

Our wall waterproofing process ensured protection from harsh weather conditions and moisture damage. The methodology included :

- **UV-Resistant Coating** : A single-layer coating to guard against environmental deterioration.
- **Elastomeric Coating** : Double-layer elastomeric coating for enhanced durability and heat protection.
- **Crack Filling & Plaster Repair** : High-quality adhesives and fillers used for crack filling and plaster repairs.
- **Expansion Joint Repair** : Sealed with high-grade polysulfide material (Choksey Chemicals) for long-term flexibility and durability.



## Project Execution & Supervision

The entire project was directly supervised by the Neer Kavach team, ensuring the highest standards of quality and workmanship. Our commitment to excellence guaranteed a seamless and efficient waterproofing solution tailored to the architect's needs.

## Outcome & Client Satisfaction

Post-project completion, the site underwent rigorous water testing to validate the waterproofing effectiveness. The architect, Raj Nagpal, was highly satisfied with the results, noting the superior quality and cost-effectiveness of our service.

## Why Choose Neer Kavach?

- Expertise in advanced waterproofing techniques.
- Partnerships with leading waterproofing brands (Alfa Chemicals, Choksey Chemicals).
- Commitment to quality, affordability, and long-term performance.

### GET IN TOUCH

For professional waterproofing solutions tailored to your needs, contact Neer Kavach today!



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