



CASE STUDY

Comprehensive Waterproofing Solutions

CLIENT NAME : AMARJEET SINGH JI

PROJECT LOCATION : NEAR KALIYASOT DAM

Overview

Amarjeet Singh Ji approached Neer Kavach & its trusted service partner, Khushan Waterproofing Services, to address persistent water leakage and surface deterioration in washrooms and balconies at his property near the scenic Kaliyasot Dam. Given the proximity to water bodies and constant environmental exposure, the site required robust waterproofing solutions with high durability and resistance against UV rays, water ingress, and surface erosion.

Challenges

- The site near Kaliyasot Dam faced persistent leakage and surface damage due to harsh environmental exposure. Key challenges included effectively waterproofing exposed areas, sealing critical expansion joints, and ensuring long-term protection against UV rays, water ingress, and structural wear.

Project Partners & Products

We collaborated with leading chemical manufacturers to ensure best-in-class materials and application techniques :

- Alfa Chemicals.
- Choksey Chemicals.
- Sika Chemicals.

Our key product feature was the use of High Quality, High Durability, Long-Lasting Elastomeric Black Coating designed for extreme performance.

Scope of Work

Step 1 - Expansion Joint Pipe Repair (if applicable)

- Applied a single coat of UV-resistant product to exposed surfaces.
- **Purpose** : Protect surfaces against sunlight and environmental damage, ensuring surface longevity and minimal maintenance.

Step 2 - Double Coating Application - Roof Guard Black

- **Product Used** : Roof Guard Black (Cold-applied liquid waterproofing membrane)
- **Composition** : Blend of special resin and rubber, reinforced with water-repelling fillers, mineral stabilisers, and gelling agents.



Benefits :

- Durable bond that resists peeling, cracking, and chipping.
- High resistance to oxidation, UV rays, and ozone exposure.
- Long-lasting protection for terrace and balcony surfaces.

Step 3 - Expansion Joint Repair

- Repaired expansion joints on outer walls using high-quality polysulfide sealant from Choksey Chemicals.
- Ensured long-term flexibility, adhesion, and durability of joints subjected to temperature and structural movements.

Step 4 - Repair and Protective Coating

- Initial surface repairs carried out using cementitious materials, adhesives, and specialised waterproofing chemicals.
- Final application of a protective elastomeric coating to seal and safeguard surfaces from water ingress.

Project Outcome

- The project achieved zero leakage through thorough sealing and UV-resistant coatings, significantly extending surface life. Amarjeet Singh Ji was highly satisfied with the quality, durability, and timely completion of the work.

Why Choose Neer Kavach?

- Neer Kavach stands out for its use of top-quality materials from trusted brands, expert application by certified professionals, and end-to-end waterproofing solutions. With a focus on long-term protection, Neer Kavach delivers more than just waterproofing — it delivers peace of mind.

GET IN TOUCH

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



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