



Airpest[®]

The Experts in Pest Control

**Construction Site & Pre-Construction
Anti-Termite Treatment Solutions.**

Protecting Structures from the Ground Up.



Who We Are

Airpest® provides specialized pest management and pre-construction anti-termite treatment (ATT) solutions for real estate developers, infrastructure projects, and large-scale construction sites.

We focus on structural protection, site hygiene, regulatory compliance, and long-term durability – starting from the foundation stage through project completion.



Why Pest Control is Essential at Construction Sites

Active construction environments create ideal conditions for pest activity due to exposed soil, stagnant water, debris accumulation, and temporary living facilities.



Mosquito breeding in stagnant water and excavation zones



Rodents damaging wiring, insulation, and stored materials



Cockroach, rodent, bed bug, snake, and scorpion infestation in labour colonies



Health and sanitation risks in workmen housing



Non-compliance with site hygiene and safety standards

Proper pest management protects both the structure and the workforce.

Construction Site Areas We Protect

Tower & Core Construction Zones



Basements & Lift Pits



Staircases & Service Shafts



Steel Yard & Fabrication Areas



Site Offices



Sample Flats



Material Storage Areas



Sales Offices

Workmen Colony & Site Facilities



Labour Camps & Temporary Housing



Washrooms & Toilets



Pantry & Dining Areas



Drainage & Sewer Lines

Construction Site Pest Control Services



Cockroach Control & General Disinfection

Maintains hygiene in workmen colonies, washrooms, site offices, and temporary structures.



Mosquito Control

Mosquito Fogging, Mosquito Spray Treatment, Mosquito Larva Treatment.



Rodent Control

Controls rats and mice across open areas, basements, storage zones, and site periphery.



Bed Bug Control

Eliminates bed bugs in labour camps, temporary accommodations, and rest areas.



Snake Control

Manages and controls snake movement in open construction zones and surrounding site areas.



Pre-Construction Anti-Termite Treatment (ATT)

Termites: A Silent Threat to Your Structure

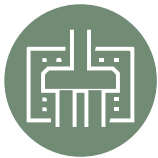
Termites are one of the most destructive pests in construction.

They attack from below the ground and remain unnoticed until serious damage occurs.

Without proper treatment, your structure is at risk from day one.

Termites Don't Just Damage — They Destroy Structure

They affect:



Foundation & soil
below structure



Wooden
frames & doors



Columns &
beam junctions



Wall interiors
& partitions



Furniture
& plywood

Meet the Termite Team (Simple Castes)

Termites live in big colonies with different roles - like a busy team!



King & Queen: The parents. Queen lays up to thousands of eggs daily and can live many years.



Workers: Blind, wingless, most common. They find food (wood/cellulose), build tunnels, feed others, and care for the colony.



Soldiers: Blind, wingless, with big jaws. They protect the colony from enemies.



Winged Reproductives (Alates/Swarmers): Fly out to start new colonies. Often seen in swarms after rain.

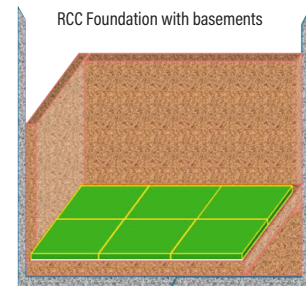
They feed on: Wood, plywood, paper, cardboard, plant material - anything with cellulose!

Coverage Areas for Pre-Construction ATT

1 Foundation / Basement Soil Treatment

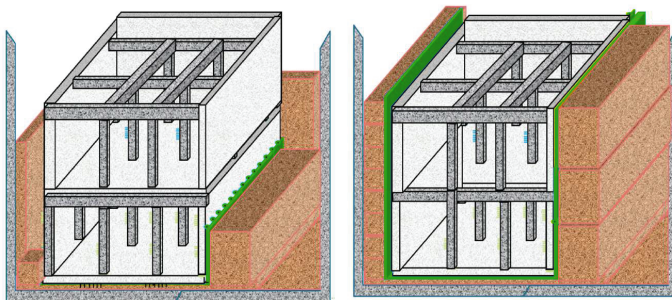
Treatment begins after excavation is completed and before laying soling or Plinth Cement Concrete (PCC).

The soil is properly compacted and leveled, followed by application of anti-termite solution at a standard rate of 5 litres per square meter, forming a strong protective barrier at the foundation level.



Green highlighted areas indicate **Airpest®** treatment zones.

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Treatment during soil backfilling stages

Virtual representation of chemical barrier (Green mark) after completion of soil backfilling

2 Retaining Wall & Backfilling Treatment

The soil in contact with retaining walls is treated to maintain a continuous anti-termite barrier from the foundation level.

Anti-termite solution is applied on vertical surfaces at a standard rate of 7.5 litres per square meter, ensuring proper penetration and uniform coverage.

Treatment is carried out in stages during backfilling, typically in layers of up to 300 mm, to ensure effective chemical distribution.

Rodding is performed where required to facilitate deeper penetration of the solution and maintain continuity of the barrier.

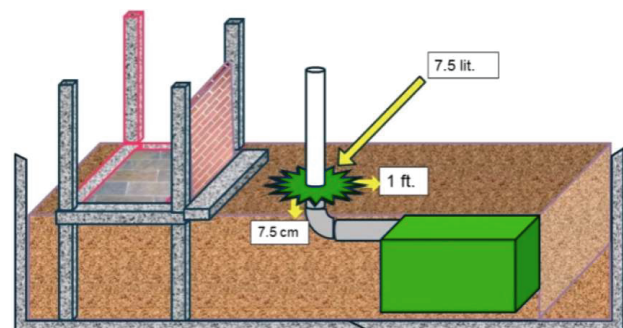
3 Pipe Entry & Conduit Treatment

Special attention is given to areas where pipes, conduits, and service lines enter the structure, as these are common entry points for termites.

For internal pipe entry points, the surrounding soil is loosened up to 150 mm around the pipe and to a depth of 75 mm to ensure proper penetration of the anti-termite solution before treatment.

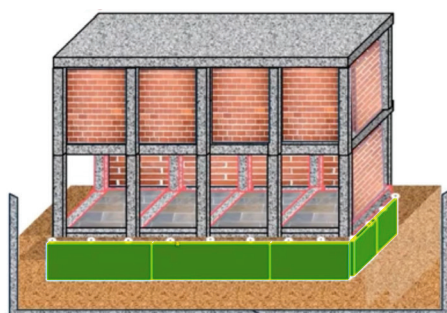
For external pipe entry locations, treatment is carried out at a minimum distance of 300 mm from the pipe entry point, unless the pipe is already clear of the building wall by at least 75 mm.

Chemical application is carried out at a standard rate of 7.5 litres per square meter on vertical surfaces, ensuring effective coverage and continuity of the protective barrier.



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4 External Periphery Treatment



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After completion of the building, the external perimeter is treated to create a continuous protective barrier against termite entry.

The soil along the building perimeter is rodded at regular intervals of 150 mm and to a depth of 300 mm. The rod is moved back and forth parallel to the wall to break the soil and allow proper chemical penetration.

Anti-termite solution is then applied along the external wall at a standard rate of 7.5 litres per square meter of vertical surface, ensuring uniform coverage.

In cases where the external filling exceeds 300 mm, the treatment is extended to the full depth of the filled soil up to ground level to maintain continuity of the chemical barrier.

How We Work



Site Assessment & Technical Coordination

Detailed inspection in coordination with site engineers and project management teams.



Stage-Wise Planning

Treatment scheduling aligned with excavation, PCC, plinth, and slab stages to avoid project delays.



Standardized Application

Controlled chemical application as per IS standards with proper calculation and supervision.



Safety Compliance

Execution as per site safety norms and construction protocols.



Documentation & Reporting

Stage-wise reports, chemical usage records, and completion documentation for audit and compliance reference.



Why Developers Choose Airpest®



Experience in large-scale residential and commercial projects



Execution strictly as per IS standards



Technically trained and supervised manpower



Transparent chemical quantity calculation

Capability to work in active, high-rise construction environments



Professional documentation suitable for PMC and audit review



Focus on long-term structural protection

For construction site pest control and IS-standard pre-construction anti-termite treatment planning — contact **Airpest®** today.



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The Experts in Pest Control

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