

Standard Operating Procedure: Termite Disinfestation

Disinfestation Specialists

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1. Objective: Disinfestation of termites at pre and post construction stage of buildings.

2. Method of Treatment

Pre-construction: Chemical emulsion is applied at following stages of construction.

Stage	Area of Application	Quantity of emulsion
1st	Soil treatment at the bottom surface of columns, wall and basements.	2.5 liter / sq. m. solution up to 30 cm of surface area.
2nd	Back filling on both sides of the wall.	2.5 liter / linear meter of vertical surface with width 30 cm and depth of 45 cm
3rd	Surface below floor.	1 lit / sq.m. under floor.
4th	External perimeter of the building by drilling holes at a distance of 30 cm.	250 ml of emulsion till refusal up-to maximum 1 liter in each hole.

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Post-construction: Chemical emulsion is injected in following manner in completely constructed building.

- A) Both sides of the plinth at a distance of 30cm by drilling holes 12 mm diameter of drill bits at an angle of 45 degrees.
- B) Base of all wooden fixtures like door and window frames and at least 3 points along the vertical and horizontal dimension with 6 mm diameter drill bits.
- C) Inner corners of cup-boards and around conduits pipes entering the building.

3.Pesticides and other materials to be used:

Sl. No.	Pesticide Active Ingredient	Dilution Ratio
1	Imidacloprid 30.5% SC	2.1 ml/liter
2	Bifenthrin 2.5% EC	20 ml /liter

4. Equipment's to be used

- 4.1 Drill Machine
- 4.2 Hand Compression Sprayer

5. Personnel Protection Equipment

- 5.1 Hand Gloves

6. Do's & Don'ts

- 6.1 Do's
 - 6.1.1 Thorough assessment of areas to detect termite infested areas.
 - 6.1.2 Maintain proper spaces along wall to carry out treatments.
 - 6.1.3 Remove and repair walls with seepage inside building.

6.2 Don'ts

- 6.2.1 Don't eat, smoke and drink during treatment.

7. Documentation

- 7.1 Services records should be completely filled with remarks and signatures from customer.
- 7.2 Maps of treated areas should be maintained.

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