

TERMITE TREATMENT

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APPLICATION: ELEMENTARY, MIDDLE AND HIGH SCHOOL

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NOTES:

Termite treatment is to be provided under the construction contract in accordance with the attached guidelines. [Applicator of termite treatment shall contract directly with the GC or CM, not with a subcontractor.](#) Notify the School Board Inspections Department 48 hours prior to applying chemical.

ATTACHMENTS:

Guidelines for Termite Treatment, dated 03-24-10.

GUIDELINES FOR TERMITE TREATMENT

Soil should be treated to protect against subterranean termites for all new construction and whenever the soil under existing construction is disturbed.

The following non-repellant termiticide chemicals are approved:

Imidacloprid (such as Premise® 75), diluted to the strongest allowable concentration according to the manufacturer's written instructions.

Fipronil (such as Termidor® 80 WG), diluted to the strongest allowable concentration according to the manufacturer's written instructions.

Pre-Construction Treatment: When treating foundations deeper than 4 feet, apply the termiticide as the backfill is being replaced, or failing this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed by trenching and rodding into the trench or trench along the foundation walls and around pillars and other foundation elements at the rate prescribed from grade to a minimum depth of 4 feet. When the top of the footing is exposed, the applicator is to treat the soil adjacent to the footing to the bottom of the footing. However, in no case should a structure be treated below the footing. Effective pre-construction subterranean termite control is achieved by the establishment of vertical and horizontal insecticidal barriers.

Horizontal Barriers: Create a horizontal barrier whenever treated soil will be covered, such as footing trenches, slabs, and the soil beneath stairs, crawlspaces and sidewalks adjacent to the building. Apply 1 gallon of dilute per 10 square feet to provide thorough and continuous coverage of the area being treated. If the fill is washed gravel or other coarse material, it is important that a sufficient amount of dilution be used to reach the soil substrate beneath the coarse fill.

Applications shall be made by a low-pressure spray (less than 50 psi), using a coarse spray nozzle. If slab will not be poured the same day as treatment, cover treated soil with a waterproof barrier such as polyethylene sheeting. The slab is to be poured **within 24 hours** of treatment, or the area will require re-treatment.

Vertical Barriers: Vertical barriers must be established in areas such as around the base of foundations, plumbing, utility entrances, back-filled soil against foundation walls and other critical areas. Apply 4 gallons of dilution per 10 linear feet per foot of depth to ensure complete coverage.

- A. When trenching and rodding into the trench, or trenching, it is important that the emulsion reaches the top of the footing. Rod holes must be spaced so as to achieve a continuous termite barrier, but in no case more than 12 inches apart.
- B. Care should be taken to avoid soil washout around the footing.
- C. Trenches need not be wider than 6 inches. Emulsion should be mixed with the soil as it is being replaced in the trench.

D. For a monolithic slab, an inside vertical barrier may not be required.

CMU cells in stem walls are to be treated at a rate of 2 gallons of emulsion per 10 linear feet so that the emulsion will reach the top of the footing.

Prior to each application, applicators must notify the construction superintendent or similar responsible party of the intended termiticide application and sites of application and instruct the responsible person to notify workers and other individuals on site to leave the area to be treated during application until the termiticide is absorbed into the soil.

Do not apply the termiticide if the ground conditions in the area to be treated are too moist or if standing water is present.

Provide a **five year warranty**, certifying that the termite control work will prevent infestation of subterranean termites. If subterranean termite activity or damage is discovered during the warranty period, re-treat the soil and repair or replace damage caused by termite infestation. The warranty shall identify the chemical used and the building number(s) to which it was applied. Date of warranty commencement shall match the date of Substantial Completion.