

**SECTION 31 31 16**  
**TERMITE CONTROL**

**PART 1 GENERAL**

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 specification sections, apply to work in this section.

1.2 DESCRIPTION OF WORK

- A. Provide soil treatment for termite control below grade as specified.

1.3 QUALITY ASSURANCE

- A. In addition to the requirements of these specifications, comply with manufacturer's instructions and recommendations for the work, including preparation of substrate and application.
- B. Engage a professional pest control operator, licensed by the State of Florida for application of soil treatment solution.

1.4 JOB CONDITIONS

- A. Do not apply soil treatment solution until excavating, filling and grading operations are completed except as otherwise required in construction operations.
- B. Ensure penetration; do not apply soil treatment during inclement weather.
- C. Comply with other handling and application instructions of the soil toxicant manufacturer.

1.5 SUBMITTALS

- A. Submit four-copies of manufacturer's technical data and application instructions.
- B. Include toxicants, composition by percentage, dilution schedule, and intended application rate.
- C. Submit copy of Safety Data Sheet

1.6 GUARANTEE

- A. Furnish four-copies of written guarantee certifying that the applied soil poisoning treatment will prevent the infestation of subterranean termites for warranty period.
  - 1. If subterranean termite activity is discovered during the guarantee period, the Contractor is responsible for re-treat of the soil and repair or replace of damage to the building and its contents caused by termite infestation.
- B. Provide guarantee for a period of 5-years.
- C. The Owner reserves the right to renew warranty for an additional 5-year at an additional cost.

1.7 REGULATORY REQUIREMENTS

- A. Conform to applicable code for requirements and for application in accordance with the EPA.
- B. Comply with the general requirements of the Florida Building Code.

1.8 PROJECT CLOSEOUT

- A. Record the moisture content of soil before application, date, and rate of application, areas of application, diary of toxicity meter readings and corresponding soil coverage.

**PART 2 PRODUCTS**

2.1 SOIL TREATMENT SOLUTION

- A. EPA and Florida Department of Agriculture & Consumer Services approved emulsible concentrate insecticide for dilution with water, specially formulated to prevent infestation by termites.
- B. Fuel oil is not permitted as a diluent.

- C. Other solutions acceptable to local governing authorities and the EPA may be used.
  - 1. Use only soil treatment solutions, which are not injurious to planting.

**PART 3 EXECUTION**

**3.1 INSPECTION**

- A. Before applying soil treatment for termites, examine areas and conditions; notify the Architect in writing of conditions detrimental to the proper and timely completion of the work.
  - 1. Do not proceed with the work until conditions are satisfactory.
- B. Verify that final grading is complete.

**3.2 APPLICATION**

- A. Surface Preparation:
  - 1. Remove foreign matter that could decrease effectiveness of treatment on areas to be treated.
  - 2. Loosen, rake and level soil-requiring treatment, except previously compacted areas under slabs and foundations.
- B. Application Rates: Apply soil treatment solution as specified and in strict accordance with Manufacturer's recommendation for mixing and application.
  - 1. Allow not less than 12 hours for drying after application, before beginning concrete placement or other construction activities.
  - 2. Post signs in the areas of application warning workers of soil poisoning.
    - a. Remove signs before other construction covers the area.
  - 3. Reapply soil treatment solution to areas disturbed by subsequent excavation or other construction activities following initial application.

END OF SECTION