# SECTION 31 31 16

**TERMITE CONTROL**

**PART 1 GENERAL**

1. RELATED DOCUMENTS
   1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 specification sections, apply to work in this section.
2. DESCRIPTION OF WORK
   1. Provide soil treatment for termite control below grade as specified.
3. QUALITY ASSURANCE
   1. In addition to the requirements of these specifications, comply with manufacturer's instructions and recommendations for the work, including preparation of substrate and application.
   2. Engage a professional pest control operator, licensed by the State of Florida for application of soil treatment solution.
4. JOB CONDITIONS
   1. Do not apply soil treatment solution until excavating, filling and grading operations are completed except as otherwise required in construction operations.
   2. Ensure penetration; do not apply soil treatment during inclement weather.
   3. Comply with other handling and application instructions of the soil toxicant manufacturer.
5. SUBMITTALS
   1. Submit four-copies of manufacturer's technical data and application instructions.
   2. Include toxicants, composition by percentage, dilution schedule, and intended application rate.
   3. Submit copy of Safety Data Sheet
6. GUARANTEE
   1. 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.
   2. Provide guarantee for a period of 5-years.
   3. The Owner reserves the right to renew warranty for an additional 5-year at an additional cost.
7. REGULATORY REQUIREMENTS
   1. Conform to applicable code for requirements and for application in accordance with the EPA.
   2. Comply with the general requirements of the Florida Building Code.
8. PROJECT CLOSEOUT
   1. 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**

1. SOIL TREATMENT SOLUTION
   1. EPA and Florida Department of Agriculture & Consumer Services approved emulsible concentrate insecticide for dilution with water, specially formulated to prevent infestation by termites.
   2. Fuel oil is not permitted as a diluent.
   3. 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**

1. INSPECTION
   1. 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.
   2. Verify that final grading is complete.
2. APPLICATION
   1. 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.
   2. 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.
         1. Remove signs before other construction covers the.
      3. Reapply soil treatment solution to areas disturbed by subsequent excavation or other construction activities following initial application.

## END OF SECTION