

## Section 31 31 16 Termite Control

Specifications

31 31 16-1

### PART 1 - GENERAL

- 1.01 SECTION INCLUDES
- A. Soil treatment for termite control below grade and foundation perimeter at new and existing buildings.
- 1.02 RELATED SECTIONS
- A. **Section 31 06 20 - Schedules for Earth Moving**
- 1.03 REFERENCES
- A. EPA - Environmental Protection Agency - Federal Insecticide, Fungicide and Rodenticide Act.
- 1.04 SUBMITTALS FOR REVIEW
- A. Section 01 33 00 - Submittals: Procedures for submittals.
  - B. Product Data: Indicate toxicants to be used, composition by percentage, dilution schedule, intended application rate.
- 1.05 SUBMITTALS FOR INFORMATION
- A. Section 01 33 00 - Submittals: Procedures for submittals.
  - B. Test Reports: Indicate regulatory agency approval reports when required.
  - C. Manufacturer's Application Instructions: Indicate caution requirements.
  - D. Manufacturer's Certificate: Certify toxicants meet or exceed specified requirements.
- 1.06 REGULATORY REQUIREMENTS
- A. Conform to applicable code for requirements for application, application licensing, authority to use toxicant chemicals in accordance with EPA.
  - B. Provide certificate of compliance from authority having jurisdiction indicating approval of toxicants.
- 1.07 SEQUENCING
- A. Apply toxicant 12 hours prior to installation of vapor barrier under slabs-on-grade.
- 1.08 WARRANTY
- A. Written in the form of an insurance policy in the amount of 10% of the project construction cost or \$100,000.00, whichever is less, for damages to building and contents. Rating for insurance company shall be A-, IV (4).
  - B. Shall be secured with a bond by a Louisiana-licensed Surety.
  - C. If evidence of termites occurs within warranty period, areas shall be retreated at no cost to the Owner.
  - D. Include optional renewal policy on annual basis after fifth year; fee shall be equitable and agreed upon by applicator and the Owner.
  - E. Test Reports: Indicate regulatory agency approval reports when required.
  - F. 5-years non-prorated from Date of Substantial Completion (not the application date) against infestation and/or termite damage.
  - G. Include coverage for damage and repairs to building and building contents caused by termites. Repair damage. Re-treat where required.
  - H. Inspect and report annually to Owner in writing.

### PART 2 - PRODUCTS

- 2.01 MATERIALS
- A. Manufacturers:
    - 1. Dow AgroSciences
    - 2. FMC Corporation
    - 3. American Cyanamid Corp.
  - B. The chemical to be used shall be one which is accepted by the U.S. Department of Agriculture, Division of Insecticides and Fungicides as having prolonged effectiveness as a toxicant against subterranean termites. In no event shall the anticipated effective duration of the termite

Specifications

## Section 31 31 16 Termite Control

Specifications

31 31 16-2

chemical be for less than two years. The chemical shall be applied at the dosage rate recommended by the manufacturer and the U.S. Department of Agriculture.

- C. Toxicant Chemical: EPA approved; synthetically color dyed to permit visual identification of treated soil.
- D. Diluent: Recommended by toxicant manufacturer.

### 2.02 MIXES

- A. Mix toxicant to manufacturer's instructions.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Notify Architect at least 48 hours prior to application.
- B. Verify that soil surfaces are unfrozen, sufficiently dry to absorb toxicant, and ready to receive treatment.
- C. Verify final grading is complete.

### 3.02 APPLICATION

- A. Spray apply toxicant in accordance with manufacturer's instructions.
- B. Apply toxicant 12 hours min. prior to installation of vapor barrier under slabs-on-grade
- C. Apply toxicant at locations indicated in Schedule at end of Section.
- D. Apply extra treatment to structure penetration surfaces such as pipe or ducts, and soil penetrations such as grounding rods or posts.
- E. Re-treat disturbed treated soil with same toxicant as original treatment.
- F. If inspection or testing identifies the presence of termites, re-treat soil and re-test.

### 3.03 PROTECTION OF FINISHED WORK

- A. Protect finished Work.
- B. Do not permit soil grading over treated work.
- C. Post signs in areas of application warning that poison has been applied; leave signs in place for minimum 2 weeks following application

### 3.04 SCHEDULES

- A. Locations:
  - 1. Under slabs-on-grade at building; apply as required at existing building.
  - 2. Soil within 10 ft. of building perimeter. Apply treatment to building perimeter after final grading is complete.
  - 3. All other areas as required to obtain Contractor's and/or manufacturer's warranty required by this Section.

**END OF SECTION**