

## **ANTI TERMITE TREATMENT:**

Pre constructional anti-termite treatment is a process in which soil treatment is applied to a building in early stages of its construction. The purpose of anti-termite treatment is to provide the building with a chemical barrier against the sub-terrain termites.

Anti-termite treatment being a specialized job, should be got executed through specialized agencies only. The specialized agency should be preferably a member of the Indian Pest Control Association and shall have sufficient experience of carrying out similar works.

The pre constructional soil treatment is required to be applied during the construction stages of the sub-structure up to plinth level. It covers the soil treatment with approved chemicals in water emulsion in foundation trenches for columns, plinth beams, plinth filling, at junction of walls and floor, in expansion joints etc. in stages as per the specification (IS 6313 (part II) 1981).

In order to ensure uniform distribution of the chemical emulsion and to assist penetration proper site preparation is essential.

The effectiveness of chemical depends upon the choice of the chemical, the dosage adopted and the thoroughness of application. The chemical solutions or emulsions are required to be dispersed uniformly in the soil and to the required strength so as to form an effective chemical barrier which is lethal and repellent to termites.

The chemical emulsion should have to be applied uniformly by sprayers at the prescribed rates in all the stages of the treatment. The treatment by the chemical emulsion varies from 5–7 litres/sqm depending on the surfaces being treated. Utmost care shall be taken to see that the chemical barrier is complete and continuous. Each part of the area shall receive the prescribed dosage of chemical emulsion.

Care should be taken in the application of chemicals / soil toxicants to see to see that they are not allowed to contaminate wells or springs and other sources of drinking water.