



Photo 21-22: Pumping of Item Secure Technology and a Junction Box.

Monitoring and Termite Resistant Test of Item Secure Technology for Termite Management in Buildings (SSP-499)

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Item secure technology is very cost effective and revolutionary concept for anti-termite treatment in buildings. It consist an intelligent network of joint less pipes with in-built chip in it, which is laid under the floor and covers the internal and external periphery of the building. Once the building is ready, pesticides are pumped into the network. Network uniformity spreads the pesticides in the soil. This treatment is repeated as and when necessary. This technology is useful in pre-constructional stages of buildings. (Photo 21-22).

The technology was installed in four building in CBRI staff quarters and post office. First phase

of installation and first pumping is completed. Imidacloprid (Premise) termiticide was used to prepare pesticidal solution. Further, monitoring and installation work at Chennai and Ahmedabad site is also completed. Recording of observation is in progress. (Photo 23)



Photo 23: Installation work of Item Secure Technology at construction site in Ahmedabad