

# **Performance of TermiPore reticulate pipe system to install for pre and post anti-termite treatment in buildings (SSP-0734)**

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**Period: 21 months (October 2024 to June 2026)**

## **Abstract**

Termite infestation occurred in building after few years of construction. Now a days expensive tile/ stone are using at modern buildings. The drilling of expensive flooring like vitrified tiles, granite, marble and industrial flooring is manual process, which require time, money and special skill. The termiticide are not uniformly fill the drill holes after making holes. The anti-termite treatment after rodding with 12 mm rod may destroy the expensive floor and look shabby after the treatment. M/s. Pranav Plastic Products Vadodara, Gujarat is manufacture of TermiPore reticulate pipe system. The system has may have advantages like being concealed and allowing injection of termiticide after interval of few years, if require. No drilling of expensive flooring like vitrified tiles, granite, marble and industrial flooring to be require after installing the system. M/s. Pranav Plastic Products Vadodara, Gujarat would like to test TermiPore reticulate pipe system suitability for their application in Indian buildings.

## **Objectives**

- Testing of TermiPore reticulate pipe under concrete (CSIR-CBRI method).
- Installation of TermiPore anti-termite reticulation system for pre-constructional chemical treatment measures as per IS 6313 part 2 (Fourth Revision) 2022.
- Installation of TermiPore anti-termite reticulation system installation for existing vacant buildings as per IS 6313 part 3 (Fourth Revision) 2022 at CSIR-CBRI, Roorkee
- Termite resistance test for TermiPore reticulate pipe (CSIR-CBRI method).
- Pressure and weight test for TermiPore reticulate pipe (CSIR-CBRI method).