

isopthor

TERMITE INTERCEPTION AND BAITING SYSTEM Fact Sheet EPA Reg# 68850-2

Mode Of Operation. The use of Isopthor* Termite Interception and Baiting System is a multistep process that involves station installation, monitoring and baiting. Isopthor does not exclude termites from the structure(s) being protected. Instead, Isopthor controls termites by suppressing termite activity or, based on the cessation of termite activity after a certain period of time, presumably eliminating termite colonies.

Time To Activity in Stations. No substances are known that can reliably attract termites. Therefore establishment of termite activity in a station will occur only after randomly foraging termites discover the station and begin consuming the nontoxic Interceptor placed in the station at the time of station installation. Initial inspection of stations at a structure with an active termite infestation will occur approximately 45 after the initial installation of stations. If there is no active termite infestation in the structure, the inspection will occur approximately 90 days after initial installation of stations. Establishment of termite activity in one or more stations normally occurs within a few months of system installation but may take longer. Once termite activity is established in a station, the station is baited and is then inspected within 90 days of bait placement. Any unbaited station is inspected within 90 days of the previous inspection.

Time for Effects. Completion of the effects of Isopthor (suppression or presumed elimination) on a colony normally occurs within six to eighteen months of the onset of colony bait consumption, however depending on the circumstances may take longer. Multiple termite colonies are normally present in the ground in the vicinity of a structure. In order to protect a structure against termite attack, all these colonies must be intercepted and baited.

Need To Continue Usage. Territory previously inhabited by an affected colony may be invaded by a new or nearby unaffected colony. Therefore, Isopthor must be continuously maintained at the structure after installation in order to protect the structure against future termite attack.

Future Termite Damage. Significant periods of time can be expected to elapse between the installation date and the time after which the effects of Isopthor on any termite colony are completed, including effects upon termite colonies infesting the structure on the installation date (if any). During these periods, termites infesting the structure(s) may continue to attack and cause additional damage until the colony begins to be affected by the bait product.

Supplemental Treatments. If the protected structure(s) is infested with termites on the installation date, supplemental soil or wood treatments may shorten the period of time that the structure(s) continues to be infested with termites, however such treatments will provide a barrier but will generally not suppress or eliminate termite colonies.

Effectiveness of Isopthor Against. Isopthor Termite Bait has been demonstrated to be effective against the genera, *Reticulitermes* (Native Subterranean termite) most commonly found in Oklahoma, in the laboratory and under actual field conditions.

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