

Perform Guard No. 6008

Subject: How it Works

Date: January 2008 (Revised January 2019)

ThermaFoam R-Control with Perform Guard® is molded polystyrene which is treated to resist termites. This product is produced by incorporating a naturally mined mineral into ThermaFoam R-Control with Perform Guard product. However, many individuals ask “How does it work?” and “Why is it effective?”.

Basically, ThermaFoam R-Control with Perform Guard is designed to resist termites from creating a community within the insulation. It is also designed to limit tunneling through the ThermaFoam R-Control with Perform Guard material for extended periods. The borate derivative contained within the ThermaFoam R-Control with Perform Guard acts as a bacterial agent against the gut fauna that break down cellulose in termites. For the borate derivative to act effectively, the termites must ingest it or at a minimum, masticate (chew) the ThermaFoam R-Control with Perform Guard. Therefore, there may be some minor excavating of the ThermaFoam R-Control with Perform Guard.

The termites must come in contact with the material before they can determine that the material is treated. When this occurs, two scenarios follow: The termite may continue to excavate the material for some time, then succumb to the deleterious effects of the borate material... or the termite will elect to move away from the inhospitable environment presented by the ThermaFoam R-Control with Perform Guard.

ThermaFoam R-Control with Perform Guard is not a repellent, nor is it a contact insecticide. Through the life of the ThermaFoam R-Control with Perform Guard it is probable that the material will be visited from time to time. However, the borate additive prevents continued attacks and helps to retain the insulation's serviceability.

Note: ThermaFoam R-Control with Perform Guard has been tested against termites. A list of specific species on file. ThermaFoam R-Control with Perform Guard is not a barrier system, but should be used as a component in a total insect management program. Insects may enter in through other access areas.



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