EXTERIOR PERIMETER TREATMENT - BASEMENT AND CRAWL SPACE CONSTRUCTION

General Information

Use Restrictions
- Only protected applicators wearing PPE, as required by this product label, are allowed to be in the immediate area during application.
- DO NOT apply Termidor H•P II at a dosage and/or concentration lower than 0.125% in SA-Mode, or equivalent in HT-Mode.
- Use anti-backflow (not atmospheric) equipment with supply hoses.
- When treating adjacent to an existing structure, the applicator must check the area to be treated and immediate adjacent areas of the structure for visible and accessible cracks and holes to prevent any leaks or significant exposure to persons occupying the structure. People present or residing in the structure during application must be advised to remove themselves and their pets from the structure if any sign of leakage is observed. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up before leaving the application site. DO NOT allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the cleanup is completed.
- DO NOT apply this product until heating/air conditioning ducts, air vents, plumbing pipes, sewer lines, floor drains, heating pipes, and electrical lines/conduits are known and identified. DO NOT puncture or contaminate any of these.
- If concrete structures (e.g., patios, porches, sidewalks, and foundation slabs) or other hard surfaces (e.g., asphalt, flagstone, rock) need to be treated by drilling and treating through concrete, the applicator must first determine that there are no habitable areas below the drill/treatment area that could be unintentionally contaminated by the treatment.
- If drill holes are made, all drill holes in commonly occupied areas into which this product has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material (e.g., Portland cement).
- DO NOT use this product in voids insulated with rigid foam.
- For exterior perimeter applications adjacent to foundations and/or application to crawl-space elements:
Before application, removal of obstructions (e.g., mulch, rock) that might prevent the product from penetrating the soil may be necessary. In areas where construction elements prohibit or make the use of the Termidor H•P High Precision Application Unit in HT-Mode difficult, the applicator may place the Termidor H•P Unit in SA-Mode and make label supported trenching and/or rodding applications.

NOTE: Where proper trenching is prevented by a physical obstruction (e.g., brick/cement/stone walkway, ornamental landscaping, retaining wall, tree root, or other obstruction abutting the foundation) and drilling through the obstruction is not feasible, application may be made by rodding at such an angle from both sides and around the obstruction to better ensure treatment of the foundation.

- DO NOT treat within a distance of 1 foot out from the drip line of edible plants.
- DO NOT contaminate public and private water supplies.
- DO NOT make treatments while precipitation is occurring.
- DO NOT treat soil that is water-saturated or frozen, or in conditions where runoff or movement of product/finished dilution from the treatment area/site will occur.

Product Information
When used as directed on this label, Termidor H•P II High Precision Termiticide (Termidor H•P II) provides effective prevention and/or control of listed termites by employing innovative application methodology that places the termiticide in precise, measured doses around a structure. The patented Termidor H•P High Precision Application Unit (Termidor H•P Unit), when equipped with the Precision Injection Device, uses hydraulic injection principles delivering Termidor H•P II to an approximate depth of 12 inches. This process is defined as Hydraulic Trenching, and it results in the creation of a Hydraulic Treated Zone(s).

The Termidor H•P Unit is designed to work exclusively with appropriately labeled Termidor products and allows for labeled treatment techniques to be performed with the Termidor H•P Unit. Before and/or during treatment, the applicator must set the Termidor H•P Unit to the correct application settings.

Termidor H•P II must only be applied by or under the direct supervision of a licensed and BASF-authorized applicator familiar with hydraulic and standard trenching, trenching and rodding, short-rodding, long-rodding, injection (e.g., sub-slab, void, wood, tree), foam, and low-pressure banded surface applications.

Termidor H•P II is highly effective against a variety of subterranean (e.g., Reticulitermes, Coptotermes, Heterotermes), arboreal (e.g., Nasutitermes), drywood (e.g., Cryptotermes, Incisitermes), and dampwood (e.g., Zootermopsis) termites.
Termidor H•P II may only be applied using a Termidor H•P Unit (EXCEPTION: Foam and direct injection applications as described in this label.) Refer to SA-Mode in Creating Vertical Treated Zone(s) section. No other product may be applied with the patented Termidor H•P Unit without EPA approved labeling permitting such a use and BASF written approval.

Termidor H•P Unit Overview
The Termidor H•P Unit can be used in Hydraulic Trench Mode (HT-Mode) and/or Standard Application Mode (SA-Mode).
- HT-Mode uses hydraulic force to distribute Termidor H•P II to a depth of approximately 12 inches, creating a Hydraulic Treated Zone(s). It is not necessary to rod and treat through the Hydraulic Treated Zone(s).
- SA-Mode applies Termidor H•P II using application techniques including, but not limited to, trenching; trenching and rodding; short-rodging; long-rodging; injection (e.g., sub-slab, void, wood, tree); foam; and low pressure banded surface applications.
- When used as directed, the Termidor H•P Unit Precision Injection Device is designed to inject a volume of Termidor H•P II equivalent to treatments of a 0.125% finished dilution at 2 gallons per 10 linear feet per foot of depth.

Creating Vertical Treated Zones

Use the following techniques to create vertical treated zones:

HT-Mode
Applicator may use the Termidor H•P Unit in HT-Mode to create a Hydraulic Treated Zone(s) along the foundation walls, around abutting hard surfaces (e.g., patios, carports, exterior slabs), and around pillars and other foundation elements where accessible.

Hydraulic Trenching with the Termidor H•P Unit.
Create a Hydraulic Treated Zone(s) by placing the Termidor H•P Unit in HT-Mode and making consecutive injections every 6 inches by activating the Precision Injection Device while ensuring the injection is proximal to the structure’s foundation (or abutting hard surfaces) and aligned to the previous area of injection.
- When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing.

SA-Mode
Use the Termidor H•P Unit in SA-Mode for standard application techniques including, but not limited to, trenching; trenching and rodding; short-rodding; long-rodding; injection (e.g., sub-slab, void, wood, tree); foam; and low-pressure banded surface applications.

Applicator may use the Termidor H•P High Precision Application Unit in SA-Mode to create a treated zone(s) along the foundation walls, around abutting hard surfaces (e.g., patios, carports, exterior slabs), and around pillars and other foundation elements where accessible.

Current Industry-accepted Trenching and/or Rodding with the Termidor H•P Unit (For applications made using the Termidor H•P Unit in SA-Mode):

- Apply by trenching and rodding into the trench or trenching alone from grade to the top of the footing at a rate of 2 gallons finished dilution per 10 linear feet per foot of depth. Trenches must be a minimum of 2 inches deep, or to the bottom of the footing, and need not be wider than 4 inches.
- Treat along foundation walls and around pillars and other foundation elements at the rate indicated from grade to the top of the footing, or if the footing is more than 1 foot below grade, to a minimum depth of 2 feet or the top of the footer.
- Drill holes must be spaced no wider than 18 inches apart.
- When rodding from the bottom of the trench, rod holes must be spaced no wider than 18 inches apart.
- DO NOT trench, rod, or treat a structure below the bottom of the footing.
- When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not more than the bottom of the footing.
- When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent Termidor H•P II High Precision Termiticide finished dilution from running out of the trench.
- Use low-pressure spray (25 PSI or less at the nozzle) to treat soil as it is mixed and replaced into the trench.

Retreatment Instructions

For all application types listed on this label (e.g., preconstruction: horizontal and vertical; post-construction: conventional and EP/LI; wooden posts, poles, signs, landscape ornamentation (or other wooden items); termites above ground), retreatment for termites can only be performed if there is clear evidence of any of the following:

- Reinfestation or disruption of the treated zones because of construction,
excavation, or landscaping; and/or
- Evidence of the breakdown of the termiticide treated zone in the soil

These reinfested/disrupted/vulnerable areas may be retreated as spot, partial, or complete treatment(s) using application techniques described on this label. The timing and type of these retreatments will vary depending on factors such as termite pressure, soil types, soil conditions, and other factors that can reduce the effectiveness of the treated zone. Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation, treatment zone disruption, and/or evidence of breakdown of the termiticide-treated zone has occurred.

Limitations, Restrictions, and Exceptions

Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments*

* Not approved for use in Louisiana.
For applications made after the final grade is installed, structural termite protection is achieved by establishing continuous treated zones along the exterior of the structure.
Localized interior treatments are also applied to areas where termite activity is observed. If no termite activity is observed on the interior of the structure at treatment time, interior local treatments are not required.
Termite Activity is defined as one or more of the following infestation conditions:
- Alates (winged termites) have swarmed in the interior of the structure.
- Live termites are found to be active within the structure.
- There is clear evidence of termite activity on or in the structure (e.g., mud tubes, galleries in wood) and live termites.

Refer to the Creating Vertical Treated Zones section of the label for vertical treatment methods.

Post-construction EP/LI is designed to be non-invasive to the interior of the structure by forming a treated zone along the exterior of the structure and only treating interior areas that show evidence of termite activity. EP/LI treatments are not considered to be conventional complete treatments. If you have questions regarding this treatment, consult your lead state agency.

To complete the exterior perimeter treatment in HT-Mode and/or SA-Mode,
applicators must do one or both of the following:
- With the Termidor H•P Unit in HT-Mode, applicators may create a Hydraulic Treated Zone(s) around exterior structures (e.g., patios, porches, pools, inaccessible decks) or other hard surfaces (e.g., asphalt, flagstone, rock) adjoining the foundation.
- These attached exterior concrete structures or other hard surfaces adjoining the foundation may also be treated with the Termidor H•P Unit in SA-Mode using standard application techniques (drilling accompanied by sub-slab injection). Alternatively, for sidewalks and driveways that end at the structure’s foundation, injections may be made in HT-Mode along each edge moving away from the structure to a minimum distance of 5 feet, instead of drilling and sub-slab injection.

Exterior Perimeter Treatment

For vertical treatment directions (e.g., for concrete slab on ground construction) using HT-Mode and/or SA-Mode, refer to the Creating Vertical Treated Zones section of this label.

For instructions on using the Backfill Method and Treatment of Structures with Wells or Cisterns, Structures with Adjacent Wells/Cisterns and/or Other Water Bodies, Plenum Construction, French Drains, and/or Sump Pumps, refer to the corresponding treatment directions in the Post-construction Conventional Structural Treatment section of this label.

Drilling and sub-slab injection treatment of sub-soil with the Termidor H•P High Precision Application Unit in SA-Mode is necessary only if:
- Termite activity exists (as described under Termite Activity within the Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments section of this label) in an area where exterior concrete structures or other hard surfaces meet the foundation. Where termite activity exists, treatment must be made at the site of activity and in at least 2 feet in two or more directions radiating from the site of activity.
- Physical obstructions prevent the creation of a Hydraulic Treated Zone around exterior concrete structures or other hard surfaces, or along sidewalks and driveways abutting the foundation. NOTE: When physical obstructions prevent the creation of a Hydraulic Treated Zone 5 feet out from the foundation along the driveway edge, exterior drilling is necessary only around building supports or wall elements that are permanently and physically located at driveway joints.

Basement and Crawl Space Construction
NOTE: Before treating crawl spaces, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor H•P II High Precision Termiticide finished dilution has been absorbed by the soil.

Treat along the exterior foundation of basements and crawl spaces with the Termidor H•P Unit in SA-Mode and/or HT-Mode. Apply Termidor H•P II along the exterior of the foundation perimeter according to the Creating Vertical Treated Zones section of this label.

For treatment of accessible crawl space construction, apply to soil associated with the outside of the foundation and all piers and pipes. To treat under the basement floor slab, refer to the treatment instructions in the Sub-slab Injection section below. For hollow block foundations/voids, refer to the Hollow Block Foundations/Voids treatment directions in the Pre-construction Treatment section of this label.

If activity is discovered in inaccessible interior areas (e.g., areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access) excavate, if possible, and treat according to the instructions for accessible crawl space construction (immediately above). Otherwise, apply one or a combination of the following two methods using the Termidor H•P Unit in SA-Mode:

1. To establish horizontal treated zones, apply to the soil surface 1.0 to 1.5 gallons of Termidor H•P II finished dilution per 10 square feet using a nozzle pressure of 25 PSI or less and a coarse application nozzle (e.g., Delavan Type RD Raindrop, RD-7 or larger, or Spraying Systems Co. 80110LP Teejet or comparable nozzle). For an area that cannot be reached with the application wand, use one or more extension rods to make application to the soil. DO NOT broadcast or power spray with high pressure.

2. To establish horizontal treated zones, drill (no wider than 18 inches apart) through the foundation wall or through the floor above and treat soil adjacent to the foundation wall at a rate of 1.0 to 1.5 gallons of Termidor H•P II finished dilution per 10 square feet. Soil adjacent to foundation elements may be treated with short-rodning or long-rodning techniques without drilling if access for treatment tool to soil site is available.

NOTE: When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not more than the bottom of the footing. Treat exterior perimeters of concrete slabs over soil with the Termidor H•P Unit in SA-Mode and/or HT-Mode according to the Creating Vertical Treated Zones section of
Garages
Attached garage floors should be treated in structures. Treat the exterior of garages with the Termidor H•P Unit in SA-Mode and/or HT-Mode. Apply Termidor H•P II along the exterior foundation perimeter of the garage according to the Creating Vertical Treated Zones section of this label.

Method

**Soil Surface**

Rates

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Timings

**N.A.**