7969-354 (6/5/2013 (1/16

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Amy Dugger-Ronyak
BASF
26 Davis Drive
Research Triangle Park, NC 27709

JUN - 5 2013

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Ms. Dugger-Ronyak:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 6, 2013 for the following product(s):

Termidor HP High Precision Termiticide **Reg. No. 7969-354**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7504P)

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060 Print Form 2/16

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 7969-354
2. EPA Product Manager: Richard Gebken
3. Proposed Classification: ☒ None ☐ Restricted
4. Company/Product (Name): Termidor(R) HP High Precision Termiticide
PM#: 10
5. Name and Address of Applicant *(Include ZIP Code)*:
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709
☐ *Check if this is a new address*
6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. NOTIFICATION
Product Name JUN -5 2013

Section - II

☐ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☒ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification per PRN 98-10, update to warranty statment.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Metal ☒ Plastic ☐ Glass ☐ Paper ☐ Other (Specify)
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information: ☒ Label ☐ Container
4. Size(s) Retail Container: up to 5 gallon
5. Location of Label Directions: ☒ On Label ☐ On Labeling accompanying product
6. Manner in Which Label is Affixed to Product: ☐ Lithograph ☐ Paper glued ☐ Stenciled ☒ Other adhesive

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Amy Dugger-Ronyak	Product Registration Mgr	919-547-2282

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature: Amy Dugger-Ronyak
3. Title: Product Registration Manager
4. Typed Name: Amy Dugger-Ronyak
5. Date: 05/06/2013

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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BASF

The Chemical Company

May 6, 2013

Mr. Richard Gebken, PM 10
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: EPA Reg. No. 7969-354
Notification per PRN 98-10, Update to Warranty Statements

Dear Mr. Gebken:

On behalf of BASF Corporation I am submitting a notification per PRN 98-10 to update the warranty statement of **EPA Reg. No. 7969-354**, **Termidor® *H•P* High Precision Termiticide**. No other changes were made to this label.

The following items accompany this letter in support of this request:

1. EPA form 8570-1, Application for Registration;
2. One (1) paper copy and one (1) PDF of the revised label; and
3. Certification with Respect to Label Integrity.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Should you have any questions regarding this submission or need further information, please contact me directly at (919) 547-2282, or by e-mail at: amy.s.dugger-ronyak@basf.com.

Best regards,

BASF Corporation - Agricultural Solutions

Amy Dugger-Ronyak

Amy Dugger-Ronyak, Product Registration Manager

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BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709
Tel: (800) 669-1770
www.agproducts.basf.com

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TERMIDOR® *H•P*

High Precision Termiticide

Precision Soil Injection Technology

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Termidor® *H•P* High Precision Termiticide must be applied using a **Termidor® *H•P* High Precision Application Unit**. No other application equipment may be used to apply this product (**EXCEPTION:** Foam applications may be made as described in the **Foam Applications** section of this label).

- **For use only by individuals/firms licensed or registered by the state to apply termiticide products.**
- **DO NOT** use this product for termite control indoors, except for label-specified applications for termite control.
- **DO NOT** use on golf course turf. May be used for control of termites found on/near structures associated with golf courses, but only as specified on this label.
- **DO NOT** use on/in commercial bee hives.
- **DO NOT** use for general pest control. This product is only for use as a termiticide.
- **DO NOT** use on animal trophies or animal skins.

See inside booklet for additional **Restrictions**, **First Aid**, **Precautionary Statements**, **Directions For Use**, **Conditions of Sale and Warranty**, and state-specific use sites and/or restrictions.

Active Ingredient:	
fipronil: 5-amino-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1*R,S*)-(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile	9.1%
Other Ingredients:	90.9%
Total:	100.0%

One gallon (128 fluid ounces) of **Termidor® *H•P* High Precision Termiticide** contains 0.8 pound of fipronil.

EPA Reg. No. 7969-354 **EPA Est. No.**

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail)

FOR MEDICAL AND TRANSPORTATION EMERGENCIES ONLY
CALL 24 HOURS A DAY 1-800-832-HELP (4357)

For Product Use Information, call 1-877-TERMIDOR

NOTIFICATION

JUN - 5 2013

Net Contents:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF
The Chemical Company

FIRST AID	
If swallowed	• Immediately call a poison control center or doctor. • **DO NOT** induce vomiting unless told to by a poison control center or doctor. • **DO NOT** give any liquid to the person. • **DO NOT** give anything by mouth to an unconscious person.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or ambulance; then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for treatment advice.
If in eyes	• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of medical emergency involving this product, call BASF Corporation 1-800-832-HELP (4357) or dial 911.

NOTE TO PHYSICIAN
There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed, absorbed through skin, or inhaled. **DO NOT** get in eyes, on skin, or on clothing. **DO NOT** breathe spray mist.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. For more options, refer to **Category A** on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves

When working in a non-ventilated space, including but not limited to crawl spaces and basements, all pesticide handlers must wear:

- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH-approved respirator with any N, R, P, or HE filter

When working in a non-ventilated space, including but not limited to crawl spaces and basements or when applying termiticide by rodding or sub-slab injection, all pesticide handlers must wear:

- Protective eyewear (goggles, a face shield, or safety glasses with front, brow, and temple protection)

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should: • Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to birds, fish, and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. **DO NOT** contaminate water by cleaning equipment or disposal of wastes. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

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Termidor® *H·P* High Precision Termiticide must be applied using a **Termidor® *H·P* High Precision Application Unit**. No other application equipment may be used to apply this product (**EXCEPTION:** Foam applications may be made as described in the **Foam Applications** section of this label).

Termidor *H·P* Termiticide cannot be used to formulate, reformulate, or repackage into any other pesticide product without the written permission of BASF Corporation.

For use only by individuals/firms licensed or registered by the state to apply termiticide products. **States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state before use of this product.**

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store unused product in original container only, out of reach of children and animals.

Pesticide Disposal

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Spills

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

Steps to take if this material is released into the environment or spilled:

- Wear **Personal Protection Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Termidor *H·P* Termiticide** finished dilution (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

Use Restrictions

- Only protected applicators wearing personal protective equipment, as required by this product label, are allowed to be in the immediate area during application.
- **DO NOT apply Termidor *H·P* Termiticide at a dosage and/or concentration lower than 0.06% (or the equivalent as applied by the Termidor *H·P* High Precision Application Unit in HT-Mode) for any application scenario (pre-construction; post-construction conventional; post-construction exterior perimeter/localized interior (EP/LI); wooden posts, poles, signs, landscape ornamentation (or other wooden items); and termites above ground) on this label.**
- Use anti-backflow or air gap 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 they see any sign of leakage. 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, when physical obstructions (e.g., retaining wall, tree root, brick/stone walkway) adjacent to foundation elements prohibit trenching or creation of Hydraulic Treated Zones, make treatments by rodding from either side of the obstruction. When possible, make these rodding applications with the rod held at an angle that permits application around the obstruction and better ensures continuous treated zones. Rodding alone is only permitted in limited situations where there is no other alternative because of the presence of physical obstructions.
- **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* High Precision Termiticide** (henceforth referred to as **Termidor *H·P***) provides effective prevention and/or control of listed termites by employing application methodology that places the termiticide in precise, measured doses around a structure. The patented **Termidor® *H·P* High Precision Application Unit** (henceforth referred to as **Termidor *H·P* Unit**) *{or alternate marketed name}*, when equipped with the Precision Injection Device *{or alternate marketed name}*, uses hydraulic injection principles delivering **Termidor *H·P*** in a 12-inch deep zone (i.e., Hydraulic Treated Zones *{or alternate marketed name}*).

The Termidor *H·P* Unit is currently designed to work exclusively with Termidor *H·P* and allows for labeled treatment techniques to be performed from a single unit. Before and/or during treatment, the applicator must set the **Termidor *H·P* Unit** to the correct application settings.

To maximize the termiticide's effectiveness, apply **Termidor *H·P*** in continuous treated zones to prevent termites from infesting the wood that is to be protected. **Termidor *H·P*** must only be applied by licensed and BASF-authorized technicians familiar with 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*** 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* must be applied using a Termidor *H·P* Unit (EXCEPTION: Foam applications as described in the Foam Applications section of this label). Currently no other product may be applied with the patented Termidor *H·P* Unit without EPA-approved labeling permitting such a use.

Termidor *H·P* Unit Overview

The **Termidor *H·P* Unit** can be used in Standard Application Mode (SA-Mode) *{or alternate marketed name}* or Hydraulic Trench Mode (HT-Mode) *{or alternate marketed name}*.

- **SA-Mode** applies **Termidor *H·P*** using 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. Before making applications with the **Termidor *H·P* Unit** in SA-Mode, fill the unit's chemical reservoir located on the base unit with **Termidor *H·P***.
- **HT-Mode** uses hydraulic force to distribute **Termidor *H·P*** to a depth of 12 inches creating Hydraulic Treated Zones. Before making applications with the **Termidor *H·P* Unit** in HT-Mode, fill the unit's chemical reservoir located on the Precision Injection Device.

{Start of alternate text}

- **SA-Mode** applies **Termidor *H·P*** using 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. Before making applications with the **Termidor *H·P* Unit** in SA-Mode, connect and secure the **Termidor *H·P*** container to the base unit.
- **HT-Mode** uses hydraulic force to distribute **Termidor *H·P*** to a depth of 12 inches creating Hydraulic Treated Zones. Before making applications with the **Termidor *H·P* Unit** in HT-Mode, connect and secure the **Termidor *H·P*** container to the Precision Injection Device.

{End of alternate text}

When using the **Termidor *H·P* Unit** in SA-Mode, applications must be made at a 0.06% finished dilution of **Termidor *H·P***. It is the responsibility of the applicator to ensure the metered dispenser is set to apply 0.8 fl oz of **Termidor *H·P*** per gallon of water (0.6% setting on the metered dispenser).

When using the **Termidor *H·P* Unit** in HT-Mode, ensure the **Termidor *H·P* Unit** settings are adjusted for treatment site soil conditions. The **Termidor *H·P* Unit** Precision

Injection Device is designed to inject a volume of **Termidor® *H•P* High Precision Termiticide** equivalent to treatments of a 0.06% finished dilution at 4 gallons per 10 linear feet per foot of depth.

Creating Continuous Vertical Treated Zones

Use the following techniques to create continuous vertical treated zones:

SA-Mode

- Current industry-accepted trenching alone
- Current industry-accepted trenching and rodding

HT-Mode

- Hydraulic trenching in combination with current industry-accepted rodding
- Hydraulic trenching alone

Hydraulic Trenching with the Termidor® *H•P* High Precision Application Unit. Create Hydraulic Treated Zones by placing the **Termidor *H•P* Unit** in HT-Mode and making consecutive injections every 6 inches, ensuring the **Termidor *H•P* Unit** settings are adjusted for treatment site soil conditions. Make each injection by depressing the Precision Injection Device while ensuring the Precision Injection Device's injection head is positioned adjacent to the structure's foundation wall and aligned to the previous area of injection. Rodding below created Hydraulic Treated Zones is not required.

- When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing.

Before application, remove elements (e.g., mulch, rock) that prevent the **Termidor *H•P* Unit** from soil contact in the treatment path. In areas where construction elements prohibit or make the use of the **Termidor *H•P* Unit** in HT-Mode difficult, the applicator must place the **Termidor *H•P* Unit** in SA-Mode and make current industry-accepted trenching and/or rodding applications.

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. Trenches must be a minimum of 6 inches deep, or to the bottom of the footing, and need not be wider than 6 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 4 feet below grade, to a minimum depth of 4 feet.
- When rodding from the bottom of the trench, or through Hydraulic Treated Zones, rod holes must be spaced no wider than 12 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*** 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.

Pre-construction Treatments

Before each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended **Termidor *H•P*** application and intended sites of application and instruct the responsible person to notify construction workers and other on-site individuals to leave the treatment area and not return until **Termidor *H•P*** finished dilution has been absorbed into the soil.

Pre-construction treatments include treatments made during all phases of construction up to and including installation of the final grade. **Effective pre-construction termite control is achieved by establishing thorough and complete horizontal and vertical treated zones using a 0.06% finished dilution as applied by the Termidor *H•P* Unit in SA-Mode, or the equivalent as applied by the Termidor *H•P* Unit in HT-Mode.**

Termidor *H•P* Unit

SA-Mode

Use the **Termidor *H•P* Unit** in SA-Mode for current industry-accepted application techniques including, but not limited to, trenching; trenching and rodding; short-rodding; long-rodding; injection (i.e., sub-slab, void, wood, tree); foam; and low-pressure banded surface applications. When treating foundations deeper than 4 feet, use the **Termidor *H•P* Unit** in SA-Mode as the backfill is being replaced. If the construction contractor fails to notify the applicator in sufficient time to permit this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed using a combination of HT-Mode and SA-Mode, or SA-Mode alone.

HT-Mode

Use the **Termidor *H•P* Unit** in HT-Mode to treat along the interior (if present) and exterior of the foundation walls and around pillars and other foundation elements.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Concrete Slab on Ground or in Basements (including Monolithic/Floating/Supported Concrete Slabs)

Horizontal treated zone and interior vertical treated zone applications should be made before covering an area with concrete slabs. If the slab is not to be poured the same day as treatment, cover the treated soil with a waterproof barrier such as polyethylene sheeting.

Horizontal Treated Zones

With the **Termidor *H•P* Unit** in SA-Mode, apply an overall treatment of **Termidor *H•P*** to the entire surface that is to

be covered beneath the concrete slab (e.g., slab(s) under the actual living area plus carports, porches, basement floors, extended entrances). Apply at the rate of 1.0 to 1.5 gallons of **Termidor® *H·P* High Precision Termiticide** finished dilution per 10 square feet. For horizontal treatments around pillars and other foundation elements, apply **Termidor *H·P*** finished dilution at the rate of 1 gallon finished dilution per square foot. Make these applications using a coarse spray nozzle and low-pressure spray (25 PSI or less), spraying the dilution evenly and uniformly over the entire area treated.

If the concrete slab is poured before horizontal treatment, **Termidor *H·P*** finished dilution must be used to treat penetrations, joints, bath traps, shower pan drain accesses, etc., as detailed in the **Post-construction Conventional Structural Treatments** section of this label. However, it is advised that complete horizontal treated zones be created before the slab is poured.

Vertical Treated Zones

Create vertical treated zones with the **Termidor® *H·P* High Precision Application Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) along the interior (if present) and exterior perimeter of the foundation walls and around pillars and other foundation elements. Treatments to the exterior perimeter of foundation walls and other exterior foundation elements must only be made after completion of the final exterior grade.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Crawl Spaces

Treat crawl spaces with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) to both sides of the foundation and the soil around all piers and pipes.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Hollow Block Foundations/Voids

Use the **Termidor *H·P* Unit** in SA-Mode to make hollow block foundation/void applications to create continuous treatment zones. If not openly accessible, drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil. Apply at the rate of 2 gallons of 0.06% **Termidor *H·P*** finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less.

- Drill access holes below the sill plate and as close as is practical to the footing.
- Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in treated areas.
- Some areas may not be treatable or may require mechanical alteration before treatment.

Post-construction Conventional Structural Treatments

For all post-construction conventional applications made after the final grade is installed, to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06% finished dilution of **Termidor *H·P***, or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

The actual depth of treatment will vary depending on soil type, degree of compaction, and location of termite activity.

DO NOT apply **Termidor *H·P*** finished dilution until location and type of the following construction elements are known and identified. **DO NOT** puncture any of these during application.

- Electrical lines/conduits
- Heat or air-conditioning ducts and vents
- Water and sewer (or plumbing) lines

Termidor *H·P* Unit

SA-Mode

Use the **Termidor *H·P* Unit** in SA-Mode for current industry-accepted 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. Exterior concrete structures adjoining the foundation (e.g., patios, porches, sidewalks) may be drilled followed by a sub-slab injection treatment of **Termidor *H·P*** finished dilution using the **Termidor *H·P* Unit** in SA-Mode to complete the exterior perimeter treatment zones along the foundation walls.

HT-Mode

Use the **Termidor *H·P* Unit** in HT-Mode to treat along the foundation walls and around pillars and other accessible foundation elements.

Concrete Slab over Soil

(including Monolithic/Floating/Supported Concrete Slabs)

Exterior Perimeter

Treat exterior perimeters of concrete slabs over soil with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) along the foundation walls.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Sub-slab Injection

Make sub-slab injections with the **Termidor® *H·P* High Precision Application Unit** in SA-Mode. Sub-slab injection treatments using **Termidor® *H·P* High Precision Termiticide** can be made from the interior of the structure or in cases when this is not possible by drilling (drill holes no wider than 12 inches apart) through the foundation from the exterior as follows:

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the foundation, including the garage. Drill holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is clear evidence of termite activity or damage in an interior partition wall, it may be necessary to drill holes along one side of the slab adjacent to the interior partition wall.

  Using the **Termidor *H·P* Unit** in SA-Mode, apply 0.06% **Termidor *H·P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth to the soil below the slab by injecting through the holes drilled through the slab. For best results, applications can be made with a lateral-dispersal nozzle.

- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish continuous treated zones in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle which allows **Termidor *H·P*** finished dilution to be deposited below heating ducts, water/sewer lines, and electrical conduits, if present. Horizontal long-rodding practices may only be employed to treat areas underneath the slab not accessible by **Vertical Drilling/Injection** or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet.

  Using the **Termidor *H·P* Unit** in SA-Mode, apply 0.06% **Termidor *H·P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth into the drill holes. For best results, applications can be made with a lateral-dispersal nozzle.

- **Shower Pan Drains** - Soil beneath and adjacent to shower pan drains may be treated. Drill through the slab adjacent to shower pan drain and apply **Termidor *H·P*** finished dilution by sub-slab injection to the soil below. Multiple access points adjacent to the shower pan drain may be drilled. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain.

  Using the **Termidor *H·P* Unit** in SA-Mode, treat soil with a minimum of 1 gallon, but no more than 4 gallons, of 0.06% **Termidor *H·P*** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat the soil associated with the shower pan drain.

- **Bath Traps** - Treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drainpipe entry areas. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal may be installed if not already present.

  After inspection and removal of all wood/cellulose debris, using the **Termidor *H·P* Unit** in SA-Mode, soil can be treated by rodding or drenching the soil with 0.06% **Termidor *H·P*** finished dilution at the rate of 1 gallon, but no more than 4 gallons, per square foot.

Structures with French Drains and Sump Pumps

French drains eliminate water at the footing along the foundation perimeter. They are common in hollow block foundation structures to drain water seeping from the exterior perimeter or underneath the foundation. Soil must be dry before applying to sites with French drains.

- **DO NOT** rod through the slab any closer than 24 inches to the French drain to prevent **Termidor *H·P*** finished dilution seepage and/or damage to the French drain or the tiles.
- **DO NOT** apply **Termidor *H·P*** finished dilution within 5 feet of the sump pump pit and sump pump.
- To prevent drainage/seepage from the block into the French drain, **DO NOT** drill through hollow block foundations that border the French drain.

Once French drains have been identified and located, using the **Termidor *H·P* Unit** in SA-Mode, apply a 0.06% **Termidor *H·P*** finished dilution as follows:

1. Unplug the sump pump. Inspect sump pump pit for water. If no water is present, the treatment can be made if the sump pump remains unplugged, or
2. If water is in the sump pump pit, unplug the sump pump and remove four cups of water from the sump pump pit. Mark the water level. Wait 10 minutes and check the water level in the sump pump pit again. If the water level has risen, there is too much seepage to perform the treatment at this time. If the water level does not rise, make the treatment if the sump pump remains unplugged.

During application, check the sump pump pit every few minutes for the presence of **Termidor *H·P*** finished dilution. If detected, stop treatment immediately and remove the contents of the sump pump pit before plugging in the sump pump again. Either apply the removed sump pump pit contents to a labeled site or dispose of the removed contents as directed by this label in the **STORAGE AND DISPOSAL** section.

NOTE: For structures with French drains located adjacent to the exterior of the foundation, refer to the **Structures with Adjacent Wells/Cisterns and/or Other Water Bodies** section of this label.

Basement Structures

Exterior Perimeter

Treat exterior perimeters of basement structures with the **Termidor® *H•P* High Precision Application Unit** in either SA-Mode or HT-Mode. Apply **Termidor® *H•P* High Precision Termiticide** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H•P* Unit** in HT-Mode) along the exterior foundation perimeter.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Interior Perimeter

To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill holes (no wider than 12 inches apart) along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab and along both sides of partition foundation walls. It may be necessary to drill holes along one side of the slab adjacent to a non-foundation interior partition wall if there is clear evidence of termite activity in the wall.

With the **Termidor *H•P* Unit** in SA-Mode, inject 0.06% **Termidor *H•P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth into the drill holes. This application can be made with a lateral-dispersal nozzle.

Crawl Spaces

NOTE: Before treatment, 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* finished dilution has been absorbed by the soil.

Accessible Crawl Space Construction

Treat accessible crawl space construction with the **Termidor *H•P* Unit** in either SA-Mode or HT-Mode. For exterior treatments to accessible crawl spaces, apply **Termidor *H•P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H•P* Unit** in HT-Mode) to soil associated with both sides of the foundation and all piers and pipes.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Inaccessible Crawl Space Construction

For 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 spaces. 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 0.06% **Termidor *H•P*** 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 16 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 0.06% **Termidor *H•P*** finished dilution per 10 square feet. Soil adjacent to foundation elements may be treated with short-rodding or long-rodding techniques without drilling if access for treatment tool to soil site is available.

Hollow Block Foundations/Voids

Hollow block foundations or voids in masonry resting atop the footing may be treated to create continuous treatment zones. If not openly accessible, drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil. Apply at the rate of 2 gallons of 0.06% **Termidor *H•P*** finished dilution per 10 linear feet of footing using the **Termidor *H•P* Unit** in SA-Mode and with a nozzle pressure of 25 PSI or less.

- Drill access holes below the sill plate and as close as is practical to the footing.
- Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in treated areas.
- Some areas may not be treatable or may require mechanical alteration before treatment.

Treatment of Structures with Wells or Cisterns

- **DO NOT contaminate wells or cisterns.**
- **DO NOT** apply **Termidor *H•P*** finished dilution within 5 feet of any well or cistern.

When applying **Termidor *H•P*** finished dilution, soil between 5 and 10 feet from a well or cistern must only be treated by the backfill method described here. Treatment of soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method.

Backfill Method

1. Trench and remove soil to be treated and place onto heavy plastic sheeting or similar material or into a wheelbarrow.
2. Using the **Termidor *H•P* Unit** in SA-Mode, treat soil at the rate of 4 gallons 0.06% **Termidor *H•P*** finished dilution per 10 linear feet per foot of depth of the trench, or 1.0 gallon per cubic foot of soil. Mix **Termidor *H•P*** finished dilution thoroughly into the soil to contain the liquid and prevent runoff or spillage.
3. After soil has absorbed the **Termidor *H•P*** finished dilution, return soil into the trench.

Structures with Adjacent Wells/Cisterns and/or Other Water Bodies

Applicators must inspect all structures near water sources (e.g., wells, cisterns, surface ponds, streams, and other bodies of water) and evaluate, at a minimum, the following treatment directions before making an application.

1. Before treatment, if feasible, expose the water pipe(s) coming from the well to the structure if the pipe(s) enter the structure within 3 feet of grade. Treat soil adjacent to the water pipe(s) according to the backfill method described in the **Treatment of Structures with Wells or Cisterns** section.
2. Before treatment, applicators are advised to take precautions to limit the risk of applying **Termidor® *H•P* High Precision Termiticide** finished dilution into subsurface drains that could empty into bodies of water. Precautions include evaluating if application to the top of the footing will result in contamination of the subsurface drain. The applicator should take into account factors such as depth to the drain system, soil type, and degree of soil compaction when determining the depth of treatment.
3. When appropriate (e.g., on the water side of the structure), creation of Hydraulic Treated Zones using the **Termidor® *H•P* High Precision Application Unit** in HT-Mode is the preferred method of application to minimize off-site movement of **Termidor *H•P*** finished dilution. In such areas, the treated backfill method can also be used to minimize the potential for runoff into nontarget areas.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Plenum Construction

NOTE: Before treatment, 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* finished dilution has been absorbed by the soil.

Treat plenum construction with the **Termidor *H•P* Unit** in either SA-Mode or HT-Mode. For exterior treatment of plenum structures, apply **Termidor *H•P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H•P* Unit** in HT-Mode) to soil along the exterior of the foundation walls.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

For interior treatment of plenum structures that use a sealed underfloor space to circulate heat and/or cooled air throughout the structure:

1. Ensure the sealing fabric and anything on the sealing fabric is removed to expose no more than 18 inches adjacent to all foundation structures, including foundation walls, interior piers, pipes, and any other structures with soil contact. Follow the preceding instructions for exterior and interior treatment of **Accessible Crawl Space Construction**.
2. After the **Termidor *H•P*** finished dilution has been absorbed by the soil, replace the sealing fabric and anything to be placed on the fabric to its original pretreatment position.

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

***Not approved for use in Louisiana.**

For post-construction Exterior Perimeter/Localized Interior (EP/LI) applications made after the final grade is installed, to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06% finished dilution in SA-Mode of **Termidor *H•P*** or the equivalent as applied by the **Termidor *H•P* Unit** in HT-Mode.

Termidor *H•P* finished dilution can be used to protect structures by following either the use directions in the **Post-construction Conventional Structural Treatments or the Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments** sections of this label. Structural termite protection is achieved by establishing continuous treated zones along the exterior of the foundation of the structure. Localized interior treatments are also applied to areas where known 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.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Post-construction EP/LI is designed to be non-invasive to the interior of the structure by applying continuous treatments along the exterior of the foundation and treating interior areas that show termite activity. It may not be considered a conventional complete treatment. If you have questions regarding this treatment, consult your local state agency.

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.

Exterior Perimeter Treatment

When conducting exterior perimeter applications, **Termidor *H•P*** finished dilution must be applied using the **Termidor *H•P* Unit** in HT-Mode, SA-Mode, or a

combination of both to provide continuous treatment zones to prevent termites from infesting the structure.

Termidor® *H·P* High Precision Application Unit

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.

HT-Mode

Use the **Termidor *H·P* Unit** in HT-Mode to treat along the foundation walls and around pillars and other foundation elements where accessible.

To complete the exterior perimeter treatment in SA-Mode or HT-Mode, applicators may elect to do one or both of the following:

- With the **Termidor *H·P* Unit** in HT-Mode, applicators may create Hydraulic Treated Zones around exterior concrete structures (e.g., patios, porches) 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.

For sidewalks and driveways, injections must be made along each edge moving away from the structure to a minimum distance of 5 feet.

Drilling and sub-slab injection treatment of sub-soil with the **Termidor *H·P* Unit** in SA-Mode is necessary only if:

- Termite activity exists (as described at the beginning of 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 (refer to the **Localized Interior Treatment** section of this label).
- Physical obstructions may prevent the creation of Hydraulic Treated Zones around exterior concrete structures or other hard surfaces, or along sidewalks and driveways. **NOTE:** When physical obstructions prevent the creation of Hydraulic Treated Zones along driveways, exterior drilling is necessary only around building supports or wall elements that are permanently and physically located at driveway joints.
- The abutting structure is a (partial or full) dirt-filled porch.

Concrete Slab on Ground

(including Monolithic/Floating/Supported Concrete Slabs)

Treat concrete slabs on ground with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor® *H·P* High Precision Termiticide** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) along the exterior of the foundation perimeter.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Basements and Inaccessible Crawl Space Construction

Treat basements with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) along the exterior of the foundation perimeter.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

For the interior of an inaccessible crawl space, if termite activity is found, the area with termite activity must be treated. A localized interior treatment must be made at the site of the termite activity and at least 2 feet in both directions from the termite activity. Treat according to the directions in the **Inaccessible Crawl Space Construction** portion of the **Post-construction Conventional Structural Treatments** section of this label.

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.

Accessible Crawl Space Construction

NOTE: Before treatment, 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* finished dilution has been absorbed by the soil.

Treat accessible crawl space construction with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. For exterior treatments to accessible crawl spaces, apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) to soil associated with the outside of the foundation and all piers and pipes.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Garages

Attached garage floors should be treated in structures. Treat garages with the **Termidor *H·P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H·P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H·P* Unit** in HT-Mode) along the exterior foundation perimeter of the garage.

Sub-slab Injection

Make sub-slab injections with the **Termidor® *H•P* High Precision Application Unit** in SA-Mode. Sub-slab injection treatments using **Termidor® *H•P* High Precision Termiticide** can be made from the interior of the garage or in cases where this not possible by drilling (drill holes no wider than 12 inches apart) through the foundation from the exterior as follows:

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the garage foundation. Drill holes can be placed along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is termite activity or damage in an interior partition wall, it may be necessary to drill holes along one side of the slab adjacent to the interior partition wall.

  Using the **Termidor *H•P* Unit** in SA-Mode, apply 0.06% **Termidor *H•P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth to the soil below the slab by injecting through the holes drilled through the slab. For best results, applications can be made with a lateral-dispersal nozzle.

- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish continuous treated zones in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle which allows **Termidor *H•P*** finished dilution to be deposited below heating ducts, water/sewer lines, and electrical conduits, if present. Horizontal long-rodding practices may only be employed to treat areas underneath the slab not accessible by **Vertical Drilling/Injection** or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet.

  Using the **Termidor *H•P* Unit** in SA-Mode, apply 0.06% **Termidor *H•P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth into the holes. For best results, applications can be made with a lateral-dispersal nozzle.

Localized Interior Treatment

Targeted interior applications may be made to vulnerable areas such as around plumbing/utility lines penetrating floors, shower pan drain, bath traps, or along expansion joints or settlement cracks. However, if known termite activity exists (as described at the beginning of the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments** section of this label) in areas on the interior of the structure's living spaces (i.e., occupied areas of the structure) or non-living spaces (e.g., crawl spaces, plenums), a localized interior treatment must be made at the site of termite activity and at least 2 feet in two or more directions radiating from the site.

NOTE: In conjunction with **Termidor *H•P*** finished dilution localized interior treatments, **Termidor® *DRY* termiticide (EPA Reg. No. 499-546)** may be applied to areas where termite damage is observed or where termite activity is present or suspected. **Termidor *DRY*** may only be applied in accordance with its approved label directions.

Interior Concrete Floors

If termite activity occurs in an interior wall or structural member, the area under the floor and behind the wall adjacent to the termite activity must be treated. Using the **Termidor *H•P* Unit** in SA-Mode, apply a 0.06% **Termidor *H•P*** finished dilution at a rate of 4 gallons per 10 linear feet. This localized interior treatment must be made at the site of the termite activity and at least 2 feet in two or more directions radiating from the site. Foam can be used to maximize dispersion.

Hollow Block Foundations/Voids

If termite activity occurs in or in the vicinity (within 2 feet) of hollow block foundations or voids in masonry resting atop the footing, the wall adjacent to the termite activity must be drilled (if not openly accessible) and treated. This localized interior treatment must be made at the site of the termite activity and to areas above the termite activity. Treatment must be made at least 2 feet in two or more directions radiating from the site of termite activity or along the wall pier or support post.

- Drill access holes below the sill plate and as close as is practical to the footing.
- Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in treated areas.
- Some areas may not be treatable or may require mechanical alteration before treatment.

Use the **Termidor *H•P* Unit** in SA-Mode to apply **Termidor *H•P*** at the rate of 2 gallons of 0.06% finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less.

Shower Pan Drains

If termite activity is observed within 2 feet of a shower pan drain, soil beneath and adjacent to the shower pan drain must be treated. Drill through the slab adjacent to the shower pan drain and apply **Termidor *H•P*** finished dilution by sub-slab injection to the soil below. Multiple access points adjacent to the shower pan drain may be drilled. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain.

Using the **Termidor *H•P* Unit** in SA-Mode, treat soil with a minimum of 1 gallon, but no more than 4 gallons, of 0.06% **Termidor *H•P*** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat the soil associated with the shower pan drain.

Bath Traps

If termite activity is observed within 2 feet of the bath trap, treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drainpipe entry areas. Tar or sealant may have to be removed to allow for

adequate soil treatment. An access door or inspection portal may be installed if not already present.

After inspection and removal of all wood/cellulose debris, using the **Termidor® *H•P* High Precision Application Unit** in SA-Mode, treat the soil by rodding or drenching the soil with 0.06% **Termidor® *H•P* High Precision Termiticide** finished dilution at the rate of 1 gallon, but no more than 4 gallons, per square foot.

Foam Applications

Construction practices, soil subsidence, and other factors may make it difficult to create continuous treatment zones. In such situations, conventional liquid application methods can be supplemented by use of foam-generating equipment. Treatment of filled stoops and porches, chimney bases, piers, soil under concrete slabs, block voids, masonry and other veneer voids, floor voids, and stud walls are examples where foam applications can be useful.

1. Use dry foam (from a range of relatively dry foam of 15:1 to 25:1 to 50:1 expansion ratio) when making foam applications to voids in stud walls or subflooring where soil is present. Apply foam to wall voids where termites or termite damage are present or suspected.
2. In most instances, a **foam-only treatment** under slabs is appropriate when trying to maximize horizontal coverage in areas where there is no deep foundation or footing (e.g., around plumbing entries, near settlement cracks in concrete slabs).
3. In areas where both lateral spread and deeper vertical penetration are needed, use both foam and conventional liquid (e.g., adjacent to foundation walls). Foam and conventional liquid applications must be consistent with volume and active ingredient instructions to ensure proper application has been made. The volume and amount of active ingredient are essential to an effective treatment.
   - At least 75% of the gallons of **Termidor *H•P*** finished dilution must be applied as a conventional liquid treatment.
   - The remaining 25% or less of the gallons of **Termidor *H•P*** is delivered to critical areas using foam application.

   The total amount of product applied with the combination of **Termidor *H•P*** finished dilution (as a conventional liquid treatment) and **Termidor *H•P*** foam must be equivalent to that of an application of **Termidor *H•P*** finished dilution applied only as a conventional liquid treatment. In many instances, foam applications are a good supplement to conventional liquid treatments and can be helpful in treating difficult areas.

Foam Mixing Instructions and Application

Prepare a 0.06% **Termidor *H•P*** finished dilution using the **Termidor *H•P* Unit** in SA-Mode. Mix the **Termidor *H•P*** finished dilution with a manufacturer's recommended volume of foaming agent in foam-generating equipment, creating **Termidor *H•P*** foam. Apply a volume of **Termidor *H•P*** foam at the labeled rate for the critical area being treated. Refer to the **Pre-construction Treatments**, **Post-construction Conventional Structural Treatments**, and **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments** sections. If sufficient **Termidor *H•P*** foam volume cannot be applied to achieve the labeled rate, apply additional **Termidor *H•P*** finished dilution as a conventional liquid application to assure proper treatment volume in the treated area.

Termidor *H•P* Foam Mixing Directions

0.06%† Termidor *H•P* Finished Dilution (gals)	**Foam Expansion Ratio††**	**Finished Foam** (gals)
1.0	25:1	25
1.75	15:1	
2.5	10:1	
5.0	5:1	

† Percentage weight of active ingredient to weight of finished dilution
†† Add the manufacturer's recommended quantity of foam agent to the **Termidor *H•P*** finished dilution.

Retreatment Instructions

For all application types listed on this label (e.g., pre-construction: 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.

Use with Other Products

When used with other products as described in this section, treat with the **Termidor *H•P* Unit** in either SA-Mode or HT-Mode. When a borate-based termiticide product is used as the primary pre-construction termite treatment and is applied according to that termiticide's label directions for use, a **Termidor *H•P*** 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H•P* Unit** in

HT-Mode) may be applied as an exterior perimeter pre-construction treatment. If the exterior perimeter pre-construction treatment option is selected, **Termidor® *H•P* High Precision Termiticide** finished dilution must be applied so as to create continuous treated zones along the exterior of the foundation of the structure.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

A complete and thorough horizontal pre-construction treatment with **Termidor *H•P*** finished dilution under the concrete slab is optional. **Termidor *H•P*** finished dilution may also be applied to critical areas of the interior of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, and areas of known or suspected termite activity).

For applications to the exterior perimeter and critical areas, follow the instructions in the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments** section of this label.

Wooden Posts, Poles, Signs, Landscape Ornamentation (or other wooden items)

DO NOT contaminate wells or cisterns.

Treatment at Time of Installation

Using the **Termidor® *H•P* High Precision Application Unit** in SA-Mode, apply 0.06% **Termidor *H•P*** finished dilution at the rate of 4 gallons per 10 linear feet per foot of depth to create continuous treatment zones in the soil around wooden posts, poles, signs, and landscape ornamentation (or other wooden items). Place the **Termidor *H•P*** finished dilution application at a depth of 6 inches below the bottom of wooden posts, poles, signs, and landscape ornamentation (or other wooden items) in contact with the soil. For treatments made during installation, apply finished dilution to soil as it is replaced.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Treatment to Previous Installations

Treat previous installations with the **Termidor *H•P* Unit** in either SA-Mode or HT-Mode. Apply **Termidor *H•P*** at the rate of 4 gallons of 0.06% finished dilution per 10 linear feet per foot of depth (or the equivalent as applied by the **Termidor *H•P* Unit** in HT-Mode) to treat previously installed wooden posts, poles, signs, and landscape ornamentation (or other wooden items). To treat soil below wooden posts, poles, signs, and landscape ornamentation (or other wooden items), trench and rod or rod from the bottom of the trench or Hydraulic Treated Zones.

Refer to the **Creating Continuous Vertical Treated Zones** section of the label for vertical treatment requirements.

Termites Above Ground

DO NOT TREAT EDIBLE FRUIT-BEARING OR NUT-BEARING TREES.

For control of above-ground termites, termite aerial colonies, or drywood termites in localized areas of wood structures, apply a 0.06% **Termidor *H•P*** finished dilution to areas of wooden members or void spaces using the **Termidor *H•P* Unit** in SA-Mode. Application may be made to inaccessible areas by drilling and then injecting **Termidor *H•P*** finished dilution with a crack-and-crevice injector into the damaged wood member or void spaces.

Likewise, termite nests in trees or building voids may be injected with **Termidor *H•P*** finished dilution using a pointed injection tool with the **Termidor *H•P* Unit** in SA-Mode. Multiple injection points to varying depths may be necessary. Carton nests may be physically removed from building voids after treatment.