

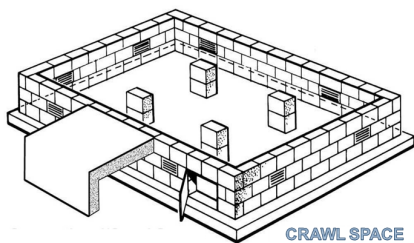
Technical Bulletin

Termidor[®] HPII Termiticide Post Construction PerimeterPlus Crawl Space Treatments

Since 2000, **Termidor** termiticides have provided the best efficacy for curative and ongoing prevention of termite infestations in structures. This Technical Bulletin gives the PMP guidance on post construction EP/LI treatment options for crawl space and other raised foundations. Structures can include crawl space, pier or pier and beam foundations.

Crawl Space & Pier Foundations

Crawl space foundations have a footing that is poured below soil grade and then foundation walls and interior piers are formed/ placed on the footer(s) to support the structure. The walls can be very short walls to quite tall. Some may only be 16-18 inches to footer, The foundation or "stem" walls may be solid pour concrete or hollow block. Crawl spaces allow for access to utilities, insulation, subfloor, etc. A vapor barrier may be placed on the soil and the interior walls & piers to combat moisture and/or mold problems. Many crawl spaces will have vents installed to help with air exchange.



Expansion joints will not be observed with monolithic slabs. However, multiple monolithic slabs may be positioned adjacent to each other. In this case, a cold joint will be seen between the exterior beams. These slabs may or may not have a foundation footing. Termites can enter the structure from along the exterior foundation and/or through slab penetrations caused by plumbing, bath traps, shower pans, grade stakes, utilities and cracks, etc.

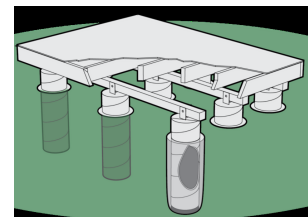
Floating Slabs

Floating slabs are formed with exterior stem walls (hollow block or solid concrete pour) and concrete poured between the stem walls. The stem walls and any interior beams (if present) will have footings. These foundations will have an expansion joint positioned along the interior side of the stem wall.

Termites can enter the structure along the exterior foundation and/or through a hollow block stem wall. They can also enter through the interior expansion joint, slab penetrations caused by plumbing, bath traps, shower pans, grade stakes, utilities & cracks etc.

Supported Slabs

Supported slabs are formed with exterior stem walls (hollow block or solid concrete pour) and concrete poured and allowed to cure, with the stem wall providing the "slab support." Soil provides support while curing, but long-term slab support is provided by the stem walls. The stem walls and any interior beams (if present) will have a footing.



This foundation will have an expansion joint. Depending on the pour, the expansion joint can be located along the exterior on top of the stem wall or under the sill. Termites can enter the structure from along the exterior foundation and/or through a hollow block stem wall. They can also enter through the expansion joint, slab penetrations caused by plumbing, bath traps, shower pans, grade stakes, utilities and cracks, etc.

Termidor® HP II Termiticide

Termidor HP II Termiticide can be used to protect these structures from termites. The **HP II** label allows for the following treatment parameters:

Termidor HP II HT-Mode Parameters*				
Water Volume	Finished Dilution Concentration	Trench	Injection Spacing	Depth
By Soil Type	0.125% (or equivalent)	Hydraulic Injection	6" (manifold)	1 ft minimum

*please follow state minimum standards

Termidor HP II SA-Mode Parameters*				
Water Volume	Finished Dilution Concentration	Trench	Rod Spacing	Depth
2 gal/10 lf/ft depth	0.125%	2"x4"	18"	1 ft minimum

*please follow state minimum standards

Termidor Portables

Termidor® Foam Insecticide/Termiticide can be used in conjunction with **HP II** treatments at active sites.

Procedures & Recommendations (EP/LI based):

- Make a thorough inspection of the interior and exterior of the structure. Create/update diagrams, etc.
- To complete the exterior treatment along the foundation, the professional can do the following:
 - Treat open soil areas along exterior of foundation elements.
 - Treat 5 feet along sides of driveways and sidewalks that end at the foundation (instead of drilling and sub-slab injection).
 - Treat around and/or along expansion joints along the foundation (i.e. patios, porches, pools, etc.).
- Treat areas where activity or evidence of activity is observed.

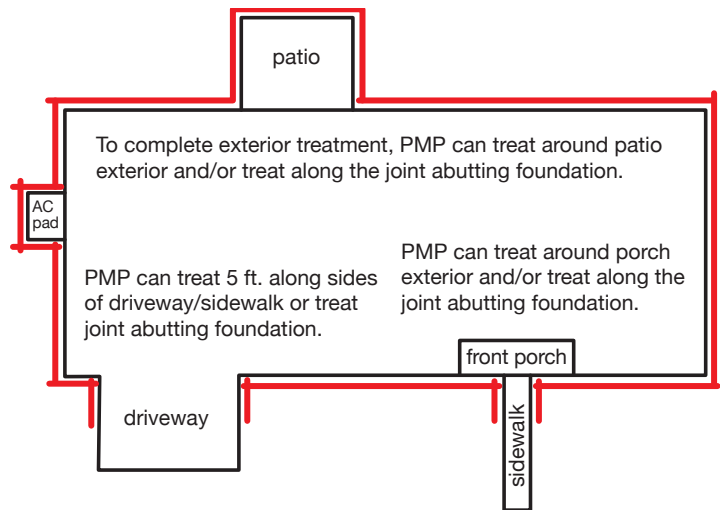
Termidor® HP II

High Precision Injection System

Termidor HP II Minimum EP/LI Treatment Examples (no termite activity):

Termidor PerimeterPlus (EP/LI or more) treatments include 1) establishing continuous treatment zones around the exterior perimeter and, 2) treatment of interior areas that have termite activity. The **Termidor HP II** label allows for options that are not included on the other Termidor labels. These include:

- Treating around foundation abutting hard surfaces (patios, porches, pools, etc.) versus treating the abutting joint.
- Treatment to 1 foot of depth along foundation elements that are treated with HT-mode and treatment to 2 foot of depth for deep foundations using SA-Mode.



Slab (mono, floating or supported), 1 ft to footer/bottom of beam

The **Termidor** 10-year pledge is valid for structures that received either a full conventional treatment** or a PerimeterPlus treatment*** (or more) with **Termidor HP II** Termiticide.

** A full conventional treatment is described in the **Termidor HP II** label. All label directions must be followed. A total treatment zone can be described as a complete, continuous zone around the outside perimeter of the structure, and can be treated by trenching and/or rodding into the trench, down drilling and application to soil under hard surfaces abutting foundation elements, etc. Applications inside the structure by drilling are also required according to the label (sub-slab injections etc.). This procedure is also described in detail under the Directions For Use section of the **Termidor** Training Program. Please be aware that each state may have their own regulations pertaining to termite treatments and should be followed.

*** PerimeterPlus treatment is described in the **Termidor HP II** label under Post-Construction Exterior Perimeter/Localized Interior (EP/LI) Structural Treatments. All label directions must be followed. This procedure is described in detail under the Directions For Use section of the **Termidor** PerimeterPlus Training Program. Please be aware that each state may have its own regulations pertaining to termite treatments and should be followed.

If you have further questions, please contact your BASF Sales Specialist or Technical Representative or visit: pestcontrol.basf.us

Always read and follow label directions.

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