

TERMITETECHNOLOGY

Cycle Time Savings is Just One Reason Builders are Switching to This Innovative Termite Technology

Builders across the country are switching their termite new construction treatments to Bora-Care®, a termiticide that is sprayed on the wood instead of pumped into the ground. As both a time- and money-saver, Bora-Care offers significant advantages to builders over old-style soil termiticides. A full day of cycle time savings is the primary factor driving this move, as well as the current trend toward green building practices.

Treatments with Bora-Care can even qualify a builder to earn **green building points** in many programs, including:

- **EarthCraft®:** 2-6 points
- **NAHB Model Green Home:** 4-6 points
- **LEED® for Homes:** 1 point

Many states offer similar green building programs as well.

Bora-Care vs. Old Fashioned Methods

Environmental issues are critical to homeowners, making Bora-Care appealing to concerned builders. Traditional soil treatments pump 200 to 300 gallons of diluted termiticide under and around an average house. **Bora-Care conserves water;** it only uses 2–3 gallons per house. And because it is applied directly to wood, concrete, and foundation penetrations, **there is virtually no danger of chemical run-off.** Furthermore, Bora-Care's active ingredient is a natural borate mineral salt with a low mammalian toxicity, yet it is still deadly to insect pests. And **Bora-Care emits no VOCs** ("Volatile Organic Compounds").

Bora-Care is the first termiticide listed as chemically compatible with the Lubrizol Corporation's piping systems. In addition, Bora-Care will not corrode metal fasteners, fittings or nails. **Many soil termiticides can cause damage to cPVC piping systems, resulting in expensive post-construction repairs.**

Soil termiticides break down quickly and can leave gaps. The soil termiticide barrier can easily be broken during excavation and landscaping. Bora-Care creates a continuous barrier directly on the wood and concrete, not in the surrounding soil.

A True Pretreatment—Not Just a Monitoring System

Baiting systems also pose problems, and termites can easily bypass them altogether. More importantly, if the homeowners don't want to pay the annual fees, the stations are removed and the home is left without any termite protection.

What is Bora-Care?

Bora-Care is an EPA-registered termiticide manufactured by Nisus Corporation. It is the only borate-based termiticide allowed as a primary two-foot termite barrier termite pretreatment with its own *product-specific* field efficacy testing. Pest control companies apply

it directly to the wood and concrete on walls, subfloors, sill plates, piers and expansion joints, and around pipe chases and plumbing protrusions. This creates a continuous barrier that termites cannot cross and eliminates wood as a food source. **Treated wood is also**

protected against other wood destroying organisms such as carpenter ants, wood boring beetles and decay fungi.

Bora-Care offers the stability and reliability which builders find missing in soil termite treatments. A study conducted in Mississippi showed that soil termiticides can break down by 50% or more in just one year (Mulrooney et al, 2006). But with a single application done according to label directions, Bora-Care penetrates into wood, preventing infestation and delivering years of long-term residual protection.



Builders Save Time and Money

Bora-Care new construction treatments give builders more schedule flexibility and control. They simply remove many of the common scheduling and performance problems builders encounter with old-style soil poisons.

Bora-Care saves builders a day of cycle time. Treatment is not weather-dependent, allowing builders to move forward regardless of conditions. Because Bora-Care is applied during the dried-in phase of construction, there is no need to coordinate pest control companies and cement companies. Bora-Care's ease of application allows PMPs to increase the number of houses they can treat in a day, which in turn increases the builders' schedule flexibility.

Proven Results

In addition to **EPA registration**, Bora-Care wood treatments are **HUD allowed and listed for use under the 2006 International Residential Code**, Section R320 *Protection Against Subterranean Termites*. Bora-Care also **meets the sill plate end-cut requirements** for pressure treated lumber set by building codes and the American Wood-Preservers' Association.

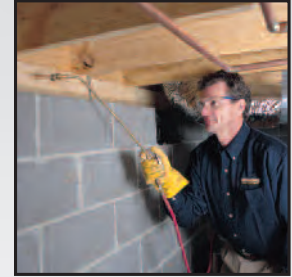
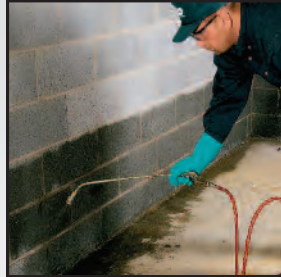
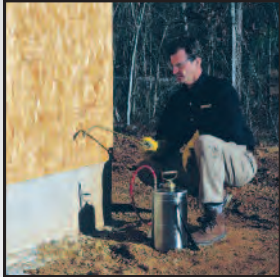
An independent 12-year study in Mississippi by the USDA and a second independent 5-year study in Florida by Mississippi State University's Forest Products Department demonstrated that wood treated with Bora-Care repelled termite attacks and prevented subterranean termites from tubing over treated wood. Additional tests by Louisiana State University showed that Bora-Care applied to concrete surfaces prevents Formosan termite tubing.











FOR MORE INFORMATION

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10 REASONS WHY BORA-CARE® IS THE GREEN CHOICE

THE ONLY BORATE BASED PRODUCT WITH ESSENTIAL PRODUCT-SPECIFIC EFFICACY ALLOWED AS A PRIMARY TERMITE BARRIER NEW CONSTRUCTION TREATMENT • IT'S THE PERFECT GREEN SOLUTION FOR TERMITES



-  Bora-Care wood treatments eliminate the need to pump termiticides into the ground. There is virtually no risk of contamination of soil, rivers, lakes or aquifers.
-  Green builders using Bora-Care have eliminated more than 120 million gallons of diluted termiticide from being applied to the soil across the U.S.
-  Builders can earn points in green building programs by using Bora-Care, including LEED for Homes, NAHBGreen, EarthCraft® and many others.
-  Bora-Care penetrates the wood and remains in the wood, providing years of long-term, sustainable residual protection.
-  Bora-Care saves water. Soil termiticides require large amounts of water for dilution. Using Bora-Care can save 200-300 gallons of water per average-size home.
-  The element boron is found throughout nature and may be essential to the health of all living plants and animals.
-  Mammals, birds, fish and reptiles can all excrete excess ingested boron, so it has little effect on these non-target organisms; however insects cannot process boron in the same way. As a result, boron accumulates in their systems and interferes with their ability to convert food sugars into energy, leading to starvation. This unique quality makes borates the perfect green solution for targeting termites.
-  Bora-Care treated wood provides protection from subterranean, Formosan and drywood termites as well as wood boring beetles, carpenter ants and wood decay fungi. It also provides general pest protection by making the treated wood areas uninhabitable by pests such as cockroaches.
-  Bora-Care emits no VOCs (Volatile Organic Compounds).
-  *Green Builder*® magazine selected Bora-Care for its inaugural Overall Grand Prize, Best of Show award at the 2006 National Green Building Conference.



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