

Insulate Your Crawl Space with Termite-Resistant Bora-Foam.®

Encloses and insulates your crawl space to get up to 20% energy savings and passive geothermal gain.

Enclosing crawl spaces is a growing trend. If done properly by a professional, it fixes mold and moisture issues and reduces your carbon footprint—not to mention your heating and cooling bill.

Bora-Foam is the first termite resistant expanded polystyrene insulation designed for basements and enclosed crawl spaces.

- Resistant to termite damage
- Vapor permeance ≤ 0.08
- Provides R-11 insulation
- Safe for handling and noncorrosive

Insulation helps keep crawl spaces dry, clean and comfortable. Unfortunately, insulations are susceptible to termite infestation and can trap moisture.

Bora-Foam is an important component in preventing these problems. It's made by a process using a Nisus Corporation EPA-registered borate-based product that is a deterrent to termites. This product is incorporated into the insulation during the manufacturing process. Bora-Foam has been thoroughly tested, is safe for handling and is noncorrosive. And termites hate it.

Proven to meet - or exceed - building codes.

Bora-Foam is manufactured to Quality Control Program standards monitored by Underwriters Laboratories Inc. and recognized by national building codes. Bora-Foam manufacturers offer product warranties that ensure thermal performance, physical properties and termite resistance. Bora-Foam has been evaluated for below-grade use by the ICC ES and meets ICC ES AC239 requirements. Please see ICC ES ESR-1006. Bora-Foam can stand up to all industry tests—and has. No other EPS can say that.



BORA-FOAM[®]
TERMITE RESISTANT INSULATION

The logo is set against a circular target graphic with concentric rings.

Bora-Foam:

- Puncture resistant
- Easy cut lines
- 3 mil poly on each side of board
- $\frac{3}{4}$ cut & snap can create inspection flap
- Won't cut your hands like foil products
- No itch from fiberglass
- Meets ICC ES AC239 requirements for termite resistance foam plastic
- Is suitable for use in all areas of termite risk
- Meets requirements of IBC Section 2603.8
- Meets requirements of IRC Section 320.5

**Bora-Foam is
100% recyclable.**



**Bora-Foam is made using
10%-15% recycled content.**

Problem.

How do you enclose a crawl space to achieve energy savings and still resist termites? Termites love to live, work and eat in comfortable and protected surroundings. All untreated insulations can potentially provide this environment. Most of the U.S. is susceptible to termite activity. It is important that insulation products and systems account for the potential of termite infestation.

- Termites reduce insulation & system performance.
- Termites cause problems for structural systems.
- Costs to control termites can continue indefinitely.

**Termite-Damaged
Untreated Foams**



**Bora-Foam Shows No
Termite Damage**

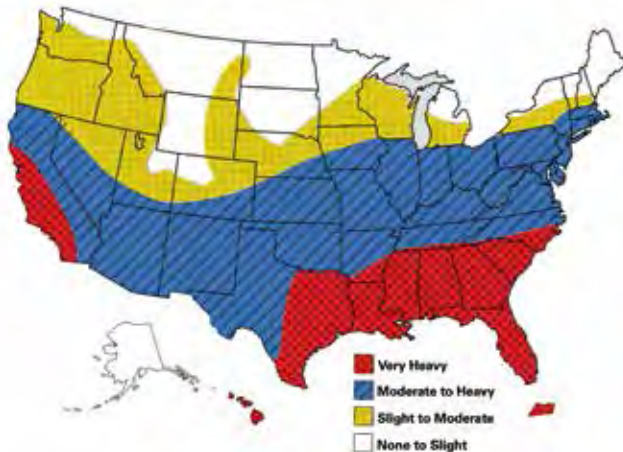


Testing.

Extensive research has been conducted to find an effective additive that would deter termites, develop processes for the incorporation of the additive into EPS and “test prove” and “field prove” the efficacy of Bora-Foam.

Termite exposure tests have been conducted by industry-recognized institutions following industry-recognized test standards of ICC ES AC239. Product performance testing has shown how Bora-Foam resists termite infestation when installed following our recommendations.

Termite Infestation Risk.



Bora-Foam Board Specs.

- Bora-Foam EPS core R value including air-film on each side of board: 2.5” = R-11
- EPS core recognized in ICC ESR-1006 and UL ER 11812-01
- UL Classified for Surface Burning Characteristic see Cert. AFM 7
- EPS core UL Classified to meet ASTM C578 see Cert. AFM 1
- EPS core termite resistant and meets ICC-ES AC239 see ESR-1006
- Bora-Foam Water Vapor Transmission not greater than 0.08 perm at 2.5” thickness
- Install per manufacturers specifications & Building Code requirements
 - Flame retardants are used in the manufacture of EPS and provide an important margin of safety. However, EPS products must be considered combustibles and not exposed to sources of ignition.



Applications.

Bora-Foam is a termite resistant insulation used to enclose crawl spaces. It is not a barrier system, but should be used in conjunction with a total insect management program available from your pest control operator.

Ready to take control? Start here.

If you're starting to wonder how Bora-Foam and Bora-Block can contribute to your next job, here's how to find out: Just contact Nisus Corporation. They'll be happy to give you information about insulating with Bora-Foam, pricing and the answers to all your questions. Contact a sales rep at www.nisuscorp.com or 800-264-0870.

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