There’s no need to let termite tunneling dig away at your bottom line, with STYROFOAM™ BLUEGUARD™ termite-resistant foundation insulation. STYROFOAM BLUEGUARD extruded polystyrene insulation offers the best foam protection from termites and optimum foundation insulation in one easy-to-install product.

**Tackle the Triple Threat**

The best building science says insulating foundation walls with rigid foam is one of the preferred ways to manage energy loss and moisture and improve home comfort. But in some areas of the United States with heavy termite infestation problems, code requirements have limited the use of rigid foam in foundation applications because termites could hide and travel undetected within the foam up into the building. STYROFOAM™ BLUEGUARD™ is made with the Preventol® HS100 insecticide to protect the foam from termites. STYROFOAM BLUEGUARD has been field tested and exceeds the performance requirements set forth by the U.S. EPA and the ICC-ES EG-239 Evaluation Guideline for Termite-Resistant Foam Plastic, which enables code approval for use in below-grade applications in very heavy termite infestation areas.

STYROFOAM BLUEGUARD insulation protects against the triple threat of termites tunneling through the foam, moisture and energy loss. These three costly enemies can undermine a home’s energy efficiency and potentially lead to moisture damage due to condensation. In addition, STYROFOAM BLUEGUARD:

- delivers high, long-term R-value® of 5.0 per inch
- offers the best proven protection from termites with Preventol HS100 confined within the plastic of the foam matrix, where it remains for long-term performance
- protects the waterproofing or damp-proofing membrane from damage caused by backfill
- resists water absorption and compression under soil loads

*Trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow
*Registered trademark of Lanxess Corporation
**R means resistance to heat flow. The higher the R-value, the greater the insulating power.
Protection Through and Through

The insecticide in STYROFOAM™ BLUEGUARD™ insulation is not a surface treatment. Similar in structure to naturally occurring chemical compounds, the Preventol HS100 deltamethrin insecticide is incorporated into the plastic of the foam matrix during the manufacturing process, providing integral and lasting protection of the foam. Preventol HS100 will not wash off or leach away. Preventol HS100 is a U.S. EPA registered pesticide, and is effective for use against termites and other wood-destroying insects.

A Snap to Install

STYROFOAM™ BLUEGUARD™ insulation contains an insecticide. Gloves are required when handling. Long-sleeve shirt and pants are also recommended. As with all STYROFOAM extruded polystyrene products, STYROFOAM BLUEGUARD is lightweight and easy to work with. Just score and snap or cut boards to the required size, then attach to exterior foundation or interior crawl space walls with mechanical fasteners or appropriate construction adhesives. To insulate beneath slabs, STYROFOAM BLUEGUARD can be installed over the vapor barrier before pouring the concrete slab or basement floor. A termite inspection strip for detection of possible termite activity may be required by code or pest management contract.

Once installed, STYROFOAM BLUEGUARD insulation will provide the highest R-value year after year with its superior termite resistance. STYROFOAM BLUEGUARD protects against backfill damage, and the high compressive strength resists lateral soil loads, maintaining thickness and thermal performance. STYROFOAM BLUEGUARD is a closed-cell extruded polystyrene foam that has the highest moisture resistance to maintain long-term R-value.

For complete installation instructions, visit www.insulateyourhome.com

Get the best foam protection against termites with STYROFOAM™ BLUEGUARD™.
Contact your Dow representative for more information.

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COMBUSTIBLE: Protect from high heat sources. Local building codes may require a protective or thermal barrier. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400.

Building and/or construction practices unrelated to insulation could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.

THE DOW CHEMICAL COMPANY • Building & Construction • 200 Larkin • Midland, MI 48674
FOR TECHNICAL INFORMATION: 1-866-583-BLUE (2583) • FOR SALES INFORMATION: 1-800-232-2436
www.insulateyourhome.com