



STYROFOAM SIS™ Brand Structural Insulated Sheathing shown as continuous insulated sheathing over the entire wall line.



MAKE A BIG DIFFERENCE WITHOUT A BIG CHANGE.

Without adding a single step to your construction process, you can now achieve new levels of efficiency in every home you build: efficiency of design, efficiency of effort and perhaps most important, efficient use of energy required for heating and cooling.

The innovative STYROFOAM SIS™ Brand Structural Insulated Sheathing from Dow combines three functions in one product:

- 1) Structural lateral bracing and transverse loads
- 2) Significant insulation performance
- 3) Water-resistive barrier

The three-in-one STYROFOAM SIS™ Brand Structural Insulated Sheathing can be used as braced wall panels attached next to other rigid insulated sheathing or it can serve as continuous structural insulated sheathing over the entire wall line.

Lightweight and energy-efficient STYROFOAM SIS™ Brand Structural Insulated Sheathing is a versatile solution for the building envelope that helps save time, labor and material costs.



STYROFOAM SIS™ Brand Structural Insulated Sheathing shown as braced wall panel integrated with other insulated sheathing.

STRUCTURED TO MAKE A DIFFERENCE

Energy efficiency, structural strength and water-resistive barrier. Achieve all three and save one trip around the house thanks to the revolutionary three-in-one building material that offers:

- High R-value* (R-3.0 at 0.5"; R-5.5 at 1"), helping meet high energy-efficiency standards
- Code-compliant structural bracing, continuous insulation and water-resistive barrier for improved thermal and moisture performance of the wall**
- Reduced energy consumption, which in turn reduces greenhouse gas emissions
- Resistance to moisture intrusion and air infiltration
- Reduced installation time, labor and material; eliminates need for wood structural panels and housewrap, metal T-bracing or wood let-in bracing
- Up to 80% post-consumer recycled content

Can one product make a difference in a home's energy, structural and moisture performance without more work? With STYROFOAM SIS™ Brand Structural Insulated Sheathing, you can make a big difference without a big change.

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 *R means resistance to heat flow. The higher the R-value, the greater the insulating value.
 **For an optimal water-resistive barrier, tape seams with WEATHERMATE™ Construction Tape.

MORE ENERGY-EFFICIENT WALL SYSTEM

STYROFOAM SIS™ Brand Structural Insulated Sheathing is the industry's first structural insulated sheathing to achieve significant R-values (R-3.0 at 0.5"; R-5.5 at 1"), while meeting ICC-ES AC269: Acceptance Criteria for Racking Shear Evaluation of Proprietary Sheathing Materials Used as Braced Wall Panels.



EFFICIENT USE OF TIME, MATERIAL AND LABOR

As a streamlined solution, STYROFOAM SIS™ Brand Structural Insulated Sheathing is easy and quick to install. With one less trip around the house, builders can lower costs while improving thermal performance. The lightweight panels are simple to work with – 1/2" boards are just one-third the weight of oriented strand board (OSB).

EFFICIENT FOR HOMEOWNERS' BUDGETS

STYROFOAM SIS™ Brand Structural Insulated Sheathing helps save money for homeowners with long-term thermal efficiency and reduced energy consumption. To estimate annual energy savings, visit www.dowsis.com and select "Calculate Your Energy Savings."

Note: Estimated annual energy savings at www.dowsis.com range from \$200-\$500. Savings will vary depending on heating/cooling system, geographical location, energy costs, wall assembly configuration and thickness of insulation installed.

THE BIG THREE

STYROFOAM SIS™ Brand Structural Insulated Sheathing consists of three layers:

- 1) Thin structural member (high-pressure laminated)
- 2) Closed-cell, moisture-resistant rigid polyisocyanurate foam core for excellent compressive strength and long-term, stable R-value
- 3) BLUE™, non-reflective, resilient exterior surface provides water resistance, high durability and excellent curb appeal

EARN EXTRA CREDIT

For a limited time, you may qualify for a tax break when you use STYROFOAM SIS™ Brand Structural Insulated Sheathing. Tax credit incentives initiated by the U.S. Energy Policy Act of 2005 have been extended for builders who use energy-efficient building materials and products. To learn more, visit www.dowsis.com or call 1-866-583-BLUE (2583).

MAKE A BIG DIFFERENCE WITHOUT A BIG CHANGE
with STYROFOAM SIS™ Brand Structural Insulated Sheathing.

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NOTICE: Changes to the International Residential Code require the installation of a water-resistive barrier (WRB) within most exterior wall assemblies in residential construction. The following Dow insulated sheathing products qualify as a WRB when installed according to the installation instructions developed for "installation of foam sheathing as a water-resistive barrier": STYROFOAM™ DURAMATE™ Plus, STYROFOAM™ Residential Sheathing, STYROFOAM™ Tongue and Groove, STYROFOAM SIS™, STYROFOAM™ Square Edge, STYROFOAM™ Residing Board, STYROFOAM™ High Performance Underlayment, THERMAX™ Sheathing, TUFF-R™ and Super TUFF-R™ and therefore do not require the use of a building paper or a housewrap as a WRB. When a WRB is not needed, these Dow foam sheathings may be installed according to standard installation instructions for foam sheathing from Dow. Be sure products and installation instructions meet code requirements for your particular location. Note: WEATHERMATE™ and WEATHERMATE™ Plus Housewraps have already qualified as water-resistive alternatives to the prescribed felt (see Evaluation Reports NER-593 and NER-640 for approved alternative).

Warning: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

CAUTION: This product is combustible and shall only be used as specified by the local building code with respect to flame spread classification and to the use of a suitable 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 building materials 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.

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www.dowsis.com

FOR TECHNICAL INFORMATION: 1-866-583-BLUE (2583)
FOR SALES INFORMATION: 1-800-232-2436

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