



**Quality and Value
Are Why You Should
Reside With Dow.**



Great Jobs Build on Great Science.

In the residing business, your reputation hangs on every home you work on. So you want only the best products, backed up by service and support you can rely on. Dow is on your side with:

- A trusted brand
- The industry's broadest mix of residing materials, including rigid foam insulation, fanfold underlayment, housewrap, tape, adhesives and sealants
- In-depth technical support and service
- Reliable, responsive sales support

Nearly 60 years ago, Dow pioneered rigid foam insulation with the introduction of STYROFOAM™ extruded polystyrene insulation. This breakthrough product changed the building industry, delivering energy-saving R-value† in an easy-to-install solution. Since then, Dow has expanded its line of building envelope solutions to offer professional contractors the products they need to build quality and value into every project.



For a Better Reside, Put Dow on Your Side.

When you reside with Dow, you can offer your customers more than a residing job. You can offer them a home that performs better. Dow's residing solutions offer protection against energy loss, air infiltration and moisture penetration – issues that concern homeowners the most.

**Energy costs have
doubled since 2003.
Dow's residing solutions
can help your customers
fight the high cost
of energy.**



Energy Loss

Home heating and cooling costs are the second-largest expense for most homeowners, following the mortgage. With energy costs on the rise, homeowners place a high priority on energy-saving products and measures.

Nearly 20 percent of energy loss can be attributed to heat loss/gain through wood framing. STYROFOAM™ extruded polystyrene and polyisocyanurate insulation from Dow add insulation value that can reduce energy loss and help your customers save money.



Air Infiltration

Air infiltration is the largest single cause of heat loss in most homes, accounting for about 40 percent of energy loss. Rigid foam insulation, STYROFOAM™ WEATHERMATE™ housewraps and GREAT STUFF™ Pro insulating foam sealants from Dow reduce air leakage and drafts, resulting in a home that is more comfortable and energy efficient.



Moisture Penetration

Moisture is the No. 1 enemy of most building materials. It can compromise the R-value of cavity insulation and may lead to mold, deterioration and wood rot. Insulated sheathing and housewrap help reduce moisture penetration and condensation, and greatly reduce the likelihood of mold and mildew formation.



Choose Your Setting.

Different residing projects may require different levels of protection against energy loss, moisture and air infiltration. Dow offers a full line of residing solutions that deliver value-added protection against energy-robbing elements.



Premium

Combine the R-value of thicker rigid foam insulation (1/2" or more) with the weather-resistive properties of STYROFOAM™ WEATHERMATE™ housewraps for a premium solution under new siding.

STYROFOAM™ extruded polystyrene or polyisocyanurate insulation delivers maximum thermal performance, with R-values of 5.0 or 6.5 at 1". Rigid foam insulation also creates a flat, level surface for hanging new siding. STYROFOAM™ WEATHERMATE™ and STYROFOAM™ WEATHERMATE™ Plus housewraps offer optimal protection against moisture and air infiltration.



Best

For the best siding solution, hang your new siding on STYROFOAM™ extruded polystyrene or polyisocyanurate insulation from Dow. Available in thicknesses from 1/2" to 1", rigid foam insulation products from Dow offer stable, long-term thermal performance (R-5 or R-6.5 at 1"), durability and solid protection against moisture and air infiltration.



Good

STYROFOAM™ WEATHERMATE™ and STYROFOAM™ WEATHERMATE™ Plus housewraps deliver quality and value. The polyolefin-based housewraps create a continuous, protective membrane to protect against air and moisture infiltration. They are tough and tear-resistant, holding up on the job site ... and on the home.



Better

DOW High Performance Underlayment (HPU) products pack value-added benefits in a thin profile. The extruded polystyrene core foam is coupled with a variety of facers, pin-perforated for vapor permeance, to deliver air and moisture resistance. HPU products are available in 1/4" and 3/8" thicknesses, with conventional fanfold or layflat seams to wrap easily around corners.



Enhanced Protection

Enhance your level of protection with the right solution for your application: WEATHERMATE™ Construction Tape, GREAT STUFF™ Pro Window & Door Insulating Foam Sealant, GREAT STUFF™ Pro Gaps & Cracks Insulating Foam Sealant and FROTH-PAK™ spray foam insulation. Each product is specifically developed to address the issues homeowners care about most: air leakage, moisture penetration and energy loss.

PROTECTION ON EVERY LEVEL

Whether you want to add air and moisture resistance alone or add valuable insulating power, Dow has the right residing solution.



Premium – R-5.0 to R-6.5 at 1"

1/2", 3/4" or 1" STYROFOAM™ extruded polystyrene or polyisocyanurate insulation from Dow combined with STYROFOAM™ WEATHERMATE™ or STYROFOAM™ WEATHERMATE™ Plus housewrap



Best – R-5.0 to R-6.5 at 1"

1/2", 3/4" or 1" STYROFOAM™ extruded polystyrene or polyisocyanurate insulation from Dow



Better – R-1.0 to R-1.5

DOW High Performance Underlayment products, 1/4" and 3/8"



Good

STYROFOAM™ WEATHERMATE™ or STYROFOAM™ WEATHERMATE™ Plus housewrap



Enhanced Protection

For the highest level of protection against moisture and air infiltration, use WEATHERMATE™ Construction Tape, GREAT STUFF™ Pro Window & Door Insulating Foam Sealant, GREAT STUFF™ Pro Gaps & Cracks Insulating Foam Sealant and FROTH-PAK™ spray foam insulation. Clean up with GREAT STUFF™ Pro tool cleaner.

Add Value With the Best.

You can rely on residing products from Dow to add value to every residing job. Dow has been an insulation leader for nearly 60 years. Dow stands behind its products with

thermal warranties and installation guidelines, energy calculators, and sales and technical support, so you can be confident every time you put Dow on your side.

To learn more about adding value with Dow, call your representative or visit the website:

1-866-583-BLUE (2583) • www.dowonyourside.com



Planning to reside? Put Dow on your side.

IN THE U.S.:

- 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.dowonyourside.com**

NOTICE: No freedom from any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. Dow assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

NOTICE: Changes to the International Residential Code require the installation of a weather-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 weather-resistive barrier": STYROFOAM™ DURAMATE™ Plus, STYROFOAM™ Residential Sheathing, STYROFOAM™ Tongue and Groove, STYROFOAM™ Square Edge, STYROFOAM™ Residing Board, 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: STYROFOAM™ WEATHERMATE™ and STYROFOAM™ WEATHERMATE™ Plus housewraps have already qualified as weather-resistive alternatives to the prescribed felt (see Evaluation Reports NER-593 and NER-640 for approved alternative).

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.

STYROFOAM WEATHERMATE housewraps are a secondary defense against bulk water intrusion. The exterior finish is the primary water barrier.

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.

a proud partner of



Insulation, when installed according to ENERGY STAR guidelines, can save energy.

www.energystar.gov

