



**SEAL AND INSULATE**





# SEAL

	Attic – hatch frame, plumbing and ductwork penetrations, etc.	Wall and Wall Penetrations – rim joist, floor-wall junction, plumbing, HVAC, perimeter of electrical outlets, etc.	Wall/Floor Adhesive	House Exterior and Penetrations – electric, gas, cable, dryer vent, faucet	Window	Door	Sill Plate	Landscape/Hardscape
<b>Sealant and Adhesive Products<sup>(1)</sup></b>								
<i>GREAT STUFF PRO™ Series</i>								
GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant	■	■		■			■	
GREAT STUFF PRO™ Window & Door Insulating Foam Sealant					■	■	■	
GREAT STUFF PRO™ Wall & Floor Adhesive			■					
<i>FROTH-PAK™ Foam Insulation and FROTH-PAK™ Foam Sealant</i>	■	■					■	
<i>GREAT STUFF™ Consumer Series</i>								
GREAT STUFF™ Gaps & Cracks Insulating Foam Sealant	■	■		■			■	
GREAT STUFF™ Big Gap Filler Insulating Foam Sealant	■	■		■			■	
GREAT STUFF™ Window & Door Insulating Foam Sealant				■	■	■	■	
GREAT STUFF™ Fireblock Insulating Foam Sealant	■	■		■			■	
GREAT STUFF™ Pond & Stone Insulating Foam Sealant				■			■	■
<b>Weather Barrier Solutions</b>								
STYROFOAM™ Brand Sill Seal Foam Gasket							■	
WEATHERMATE™ Housewrap				■				
WEATHERMATE™ Plus Housewrap				■				

(1) If used in an exterior setting, a coating must be applied for ultraviolet (UV) protection.

## PROTECTING THE ENVIRONMENT BEGINS AT HOME

The average home emits 2X the greenhouse gases as the average car. \* Dramatically decrease a home's emissions by insulating and sealing air leaks.



# I N S U L A T E

	Attic/Ceiling	Above-Grade Wall	Interior Wall (thermo-acoustic)	Exterior Foundation Wall	Interior Foundation Wall	Crawl Space (wall/floor above)	Under Slab	Over Slab/Subfloor
<b>Polyisocyanurate Insulation</b>								
TUFF-R™	■	■			■	■		
Super TUFF-R™	■	■			■	■		
<b>Extruded Polystyrene Foam Insulation</b>								
STYROFOAM™ Brand Residential Sheathing	■	■						
STYROFOAM™ Brand SCOREBOARD™	■	■		■	■	■	■	■
STYROFOAM™ Brand Square Edge	■	■		■	■	■	■	■
STYROFOAM™ Brand Tongue & Groove	■	■		■	■	■	■	■
STYROFOAM™ Brand WALLMATE™					■			
<b>Batt Insulation</b>								
SAFETOUGH™ Fiberglass-Free Insulation	■	■	■		■	■		



## LITTLE THINGS, BIG SAVINGS

Simply using foam sealants from Dow around cracks and penetrations can significantly reduce a homeowner's heating/cooling bill. By sealing plumbing penetrations, a homeowner can enjoy approximately \$45 in annual savings.\*\*

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\*Source: www.energystar.gov, Seal and Insulate with ENERGY STAR, March 2009

\*\*Based on a recent study conducted by Dow. Air loss was measured at 15 homes using blower door tests. Potential energy savings were estimated using REM Home Energy Analysis Software. Results vary based on construction, style, year built and other unique home characteristics. Participating homeowners were current employees of Dow.



# Sealant and Adhesive Products

## GREAT STUFF PRO™ GAPS & CRACKS INSULATING FOAM SEALANT

Minimal-expanding, one-component foam sealant for fire-blocking gaps/penetrations less than 3". Identifiable orange color.

ICC-ES ESR-1961. UL Classified as a sealant R13655.



CURE TIME <sup>(1)</sup>	Tack-free 5-10 mins.; trim in 30 mins.; full cure 1 hour
SIZE <sup>†</sup>	24 oz can, available in both gun and straw foam

(1) Actual cure time will depend on temperature, relative humidity and size of foam bead.  
CONSULT THE LABEL AND MATERIAL SAFETY DATA SHEET CAREFULLY BEFORE USE.

## GREAT STUFF PRO™ WINDOW & DOOR INSULATING FOAM SEALANT

One-component, minimal-expanding, low pressure-build foam sealant proven not to distort or bow window and door frames when properly applied.

ICC-ES ESR-1961. Tested to AAMA 812-04 pressure-build @ 0.08 psi (gun foam), air leakage per ASTM E283, ASTM E331, ASTM E547, ASTM C1620. UL Classified as a sealant R13655.



CURE TIME <sup>(1)</sup>	Tack-free 5-10 mins.; trim in 1 hour; full cure 12 hours
SIZE <sup>†</sup>	20 oz can, available in both gun and straw foam

(1) Actual cure time will depend on temperature, relative humidity and size of foam bead.  
CONSULT THE LABEL AND MATERIAL SAFETY DATA SHEET CAREFULLY BEFORE USE.

## GREAT STUFF PRO™ WALL & FLOOR ADHESIVE

One-component, moisture-cured foam adhesive for adhering subfloors, drywall, paneling, foam panels and most construction materials.

Meets ASTM D3498, ASTM D6464, HUD UM 601, CA 25-4.



SIZE <sup>†</sup>	26.5 oz can
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CONSULT THE LABEL AND MATERIAL SAFETY DATA SHEET CAREFULLY BEFORE USE.

## GREAT STUFF PRO™ GUN CLEANER

Simplifies uncured foam cleanup. Attach foam dispensing gun for cleaning or use red spray nozzle.

SIZE <sup>†</sup>	12 oz can
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CONSULT THE LABEL AND MATERIAL SAFETY DATA SHEET CAREFULLY BEFORE USE.



## PRO FOAM DISPENSING GUNS

Designed with convenient, re-startable features developed for professionals using GREAT STUFF PRO™ products. No post-dispensing foam drip for less foam waste, better control and low post-dispensing foam expansion plus greater yield.



**PRO 15 Gun** – Best PRO gun. Features nonstick can adapter, needle and check valve, and stainless steel barrel for longer life. Excellent flow control allows variable bead size. Smooth dispenser tip.

**PRO 14 Gun** – Features nonstick can adapter and needle, stainless steel check valve and replaceable barbed dispenser tip. Adjustable flow control makes it easy to vary bead size.

**PRO 13 Gun** – Most economical PRO gun is lightweight with barbed dispenser tip and adjustable flow control for variable bead size.

## FROTH-PAK™ FOAM INSULATION AND FROTH-PAK™ FOAM SEALANT KITS

Two-component foam fills stud cavities, sill plates and large gaps. Packaged in portable cylinders requiring no external power source. Larger, refillable sizes available.

Sealant: UL Classified R13655  
Insulation: UL Classified R7813

Insulation: Class-A rating (flame spread of 25 or less); can be left exposed in roof/wall junctures at maximum 6" high, 2" deep and unlimited length; shall not be used in lieu of a fire-resistance rated joint should one be required.



CURE TIME <sup>(1)</sup>	Tack-free <1 min.; trim in <5 mins.
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FROTH-PAK™ FOAM SEALANT KITS		FROTH-PAK™ FOAM INSULATION KITS	
Product <sup>†</sup>	Theoretical Yield <sup>(2)</sup> , bd ft	Product <sup>†</sup>	Theoretical Yield <sup>(2)</sup> , bd ft
FROTH-PAK™ 12	12	FROTH-PAK™ 200	200
FROTH-PAK™ 120	120	FROTH-PAK™ 620	620
FROTH-PAK™ 200	200		
FROTH-PAK™ 620	620		

(1) Actual cure time will depend on temperature, foam thickness, specific nozzle used, etc.  
(2) The theoretical yield has become an industry standard for identifying certain sizes of two-component kits. Theoretical yield calculations are performed in perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types.

CONSULT THE INSTRUCTIONS AND MATERIAL SAFETY DATA SHEETS CAREFULLY BEFORE USE.

# Weather Barrier Solutions

## GREAT STUFF™ CONSUMER SERIES WITH STRAW APPLICATOR



**GREAT STUFF™ Fireblock** – Helps impede spread of fire and smoke through service penetrations

**GREAT STUFF™ Big Gap Filler** – For gaps greater than 1"

**GREAT STUFF™ Gaps & Cracks** – Fills, seals and insulates gaps up to 1"

**GREAT STUFF™ Window & Door** – Low pressure-build formulation proven not to bow window and door frames when applied properly

**GREAT STUFF™ Pond & Stone** – For landscape and hardscape use; safe to use around fish

CURE TIME <sup>(1)</sup>	Tack-free 5-10 mins.; trim in 30-60 mins.; full cure 8 hours (depending on product)
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SIZE <sup>†</sup>	12 oz, 16 oz or 20 oz can (depending on product or retailer)
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<sup>(1)</sup> Actual cure time will depend on temperature, relative humidity and size of foam bead.  
CONSULT THE LABEL AND MATERIAL SAFETY DATA SHEET CAREFULLY BEFORE USE.



## STYROFOAM™ BRAND SILL SEAL FOAM GASKET

Flexible polyethylene foam gasketing strip used to reduce air infiltration between concrete foundation and sill plate.

SOLD IN ROLLS<sup>†</sup> 3-1/2" x 50' | 5-1/2" x 50'



## WEATHERMATE™ HOUSEWRAP

Woven, perforated, polyolefin-based housewrap that is both tough and tear-resistant. Translucent for clear view of studs and sheathing surface. Can remain uncovered for up to 60 days.

Meets IBC/IRC requirements for a water-resistant barrier. See ICC ESR-2862.



SOLD IN ROLLS<sup>†</sup> 10' x 150' | 9' x 100' | 9' x 150' | 9' x 195' | 4'6" x 150' | 3' x 100'

## WEATHERMATE™ PLUS HOUSEWRAP

Non-woven, non-perforated, polyolefin-based housewrap. Translucent for clear view of application surface. Exceptional tear resistance and durability compared to other leading non-woven, non-perforated wraps. Can remain uncovered for up to 120 days.

Meets IBC/IRC requirements for a water-resistant barrier. See ICC-ES NER-640.



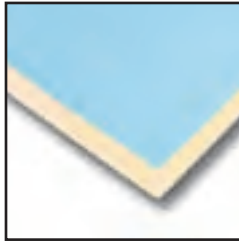
SOLD IN ROLLS<sup>†</sup> 10' x 100' | 10' x 150' | 9' x 100' | 9' x 150' | 3' x 100' | 3' x 165'

# Polyisocyanurate Insulation

## SUPER TUFF-R™

High-performance foam core with three-ply poly/aluminum foil facers laminated to the core for exceptional durability. One facer is blue; the other is radiant barrier-quality reflective foil.

Complies with ASTM C1289 Type I, Class 1. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES NER-616. Calif. Std. Reg. # CA T383. Florida Building Code FL 3839.



NOMINAL BOARD THICKNESS†, IN	.5	.75	1
R-VALUE††	3.3	5.0	6.5
BOARD SIZE, FT	4 x 8		

## TUFF-R™

High-performance foam core with radiant barrier-quality aluminum foil facers on both sides (one side reinforced).

Complies with ASTM C1289 Type I, Class 1. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES NER-616. Calif. Std. Reg. # CA T383. Florida Building Code FL 3839.



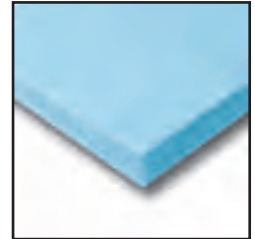
NOMINAL BOARD THICKNESS†, IN	.5	.75	1
R-VALUE††	3.3	5.0	6.5
BOARD SIZE, FT	4 x 8		

# Extruded Polystyrene Foam Insulation

## STYROFOAM™ BRAND RESIDENTIAL SHEATHING

Plastic film on both sides reduces job site damage. Designed for wall sheathing.

Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES ESR-2142. UL Classified, see Classification Certificate D369. Calif. Std. Reg. # CA T064. Florida Building Code FL 3835.

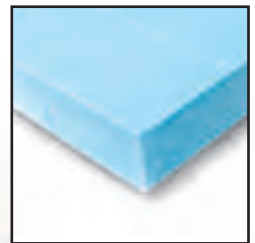


NOMINAL BOARD THICKNESS†, IN	.5	.75	1
R-VALUE††	3.0	4.0	5.0
BOARD SIZE, FT	4 x 8		

## STYROFOAM™ BRAND SCOREBOARD™

Square edges on all four sides. Scored longitudinally on 16" and 24" centers, making it easy to snap into convenient widths.

Complies with ASTM C578 Type IV. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES ESR-2142. UL Classified, see Classification Certificate D369. Calif. Std. Reg. # CA T064. Florida Building Code FL 3835.



NOMINAL BOARD THICKNESS†, IN	.75	1	1.5	2	2.5	3
R-VALUE††	3.8	5.0	7.5	10.0	12.5	15.0
BOARD SIZE, FT	4 x 8					



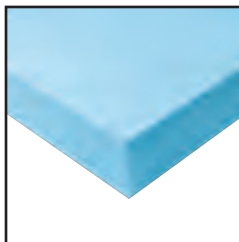


# Extruded Polystyrene Foam Insulation

## STYROFOAM™ BRAND SQUARE EDGE

Square edges on four sides. Offers exceptional water resistance, long-term thermal performance and high compressive strength.

Complies with ASTM C578 Type IV. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES ESR-2142. UL Classified, see Classification Certificate D369. Calif. Std. Reg. # CA T064. Florida Building Code FL 3835.



NOMINAL BOARD THICKNESS†, IN	.75	1	1.5	2	2.5	3	4
R-VALUE††	3.8	5.0	7.5	10.0	12.5	15.0	20.0
BOARD SIZE, FT	4 x 8						

## STYROFOAM™ BRAND TONGUE & GROOVE

Tongue and groove edges on all four sides of 2' x 8' boards, 1" thick or less and on the long edges on all other boards.

Complies with ASTM C578 Type IV. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES ESR-2142. UL Classified, see Classification Certificate D369. Calif. Std. Reg. # CA T064. Florida Building Code FL 3835.

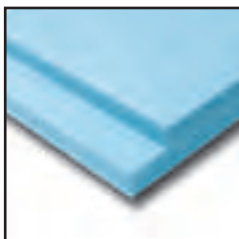


NOMINAL BOARD THICKNESS†, IN	.75	1	1.5	2
R-VALUE††	3.8	5.0	7.5	10.0
BOARD SIZE, FT	4 x 8			

## STYROFOAM™ BRAND WALLMATE™

Quick, easy option for insulating and finishing interior of basement walls. When boards are butted together, rabbet edges form a slot between boards that accommodates a wood nailing strip. The nailing strip is used to attach boards to the wall and provides nail base for drywall.

Complies with ASTM C578 Type X. Meets IBC/IRC requirements for foam plastic insulation. See ICC-ES ESR-2142. UL Classified, see Classification Certificate D369. Calif. Std. Reg. # CA T064. Florida Building Code FL 3835.



NOMINAL BOARD THICKNESS†, IN	1.5	2
R-VALUE††	7.5	10.0
BOARD SIZE, FT	2 x 8	

# Batt Insulation

## SAFETOUCH™ FIBERGLASS-FREE INSULATION

Itch-free thermo-acoustic quilt manufactured from polyester fibers, eliminating need for special safety gear or tools during installation. No added formaldehyde or borates. Contains >35% post-consumer recycled content.

Meets IBC/IRC, ICC and IECC requirements. California Bureau of Home Furnishings and Thermal Insulation – Reg. # CA T461 (NC).



PRODUCT	THICKNESS, IN	WIDTH, IN	LENGTH, IN	BATTS/BAG	SQ FT/BAG
R-13††	3.5	15	94	7	69
R-19††	6.25	15	94	5	49
R-30††	9.5	24	48	6	48



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†Not all products and sizes are available in all parts of the country. Other product sizes are available on a made-to-order basis. Please contact your Dow sales representative with questions.

††R means resistance to heat flow. The higher the R-value, the greater the insulating power. R-value determined by ASTM C518 at 75°F mean temperature.

## A TIGHT ENVELOPE

Protect the building envelope  
against thermal loss,  
moisture and air infiltration  
with durable, integrated  
products from Dow.

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. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries or regions. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. 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 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 weather-resistive barrier": STYROFOAM™ DURAMATE™ Plus, STYROFOAM™ Residential Sheathing, STYROFOAM™ Tongue and Groove, STYROFOAM SIST™, STYROFOAM™ Square Edge, STYROFOAM™ Residing Board, DOW™ 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).

### STYROFOAM™ Brand Extruded Polystyrene Foam Insulation and SAFETOUCH™ Fiberglass-Free Insulation

CAUTION: These products are combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult MSDS, call Dow at 866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 989-636-4400.

### Dow Polyisocyanurate Insulation

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 866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 989-636-4400.

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

### Dow Polyurethane Foam Insulation and Sealants

CAUTION: These products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F. For more information, consult MSDS, call Dow at 866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 989-636-4400.

FROTH-PAK™ Polyurethane Spray Foam contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read the instructions and Material Safety Data Sheets carefully before use. Wear protective clothing (including long sleeves), gloves, goggles or safety glasses, and proper respiratory protection. Supplied air or an approved air-purifying respirator equipped with an organic vapor sorbent and a P100 particulate filter may be required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. Provide adequate ventilation. Contents under pressure.

GREAT STUFF™ and GREAT STUFF PRO™ Insulating Foam Sealants contain isocyanate and a flammable blowing agent. Read the label and Material Safety Data Sheets carefully before use. Eliminate all sources of ignition before use. Wear long sleeves, gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

GREAT STUFF PRO™ Gun Cleaner is flammable and contains acetone and propane. Read the label and Material Safety Data Sheet carefully before use. Eliminate all sources of ignition before use. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

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.

[www.insulateyourhome.com](http://www.insulateyourhome.com)

FOR TECHNICAL INFORMATION: 866-583-BLUE (2583)

FOR SALES INFORMATION: 800-232-2436

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