



**ADD VALUE WITH STYROFOAM™
BRAND INSULATION SOLUTIONS**

C A N A D A R E S I D E N T I A L

**HEATING AND COOLING
ACCOUNT FOR
63% OF ALL
RESIDENTIAL ENERGY
USE IN CANADA.***

A well-insulated home is not only more comfortable, it is highly valued for energy efficiency, which reduces heating and cooling costs, and demand for fuel sources such as natural gas and oil.

To save on utility bills and help protect the environment, choose STYROFOAM™ Brand Extruded Polystyrene (XPS) Foam Insulation products and integrated system components to insulate and seal homes from unwanted and costly air infiltration, moisture intrusion and thermal loss.

Dow Building Solutions offers long-lasting building envelope solutions for all areas of the home – from top to bottom and exterior to interior.

RIGID FOAM INSULATION

HIGH R-VALUE (RSI)

Rigid foam insulation from Dow offers high, long-term R-value (RSI).** Most STYROFOAM™ Brand XPS Foam Insulation products are R-5.0 (0.88) per 1" (25 mm).



STYROFOAM™ BRAND SM INSULATION


With a minimum compressive strength of 30 psi (210 kPa), this multipurpose XPS insulation is recommended for roof decks, cathedral ceilings, exterior foundations, crawl spaces and basement floors. Meets CAN/ULC S701 Type 4, CCMC 06525-L.

	SHIPLAP	BUTT EDGE
Board size†: 2' x 8' (600 mm x 2,400 mm)		
Thickness: 1" to 4" (25 mm x 100 mm)		
R-value (RSI): R-5 to R-20 (0.88 to 3.52)		

STYROFOAM™ BRAND CLADMATE™ INSULATION

An ideal exterior sheathing for new homes or re-siding projects, STYROFOAM™ Brand CLADMATE™ Insulation has a thin profile, allowing minimal additional framing for windows and doors. Meets CAN/ULC S701 Type 2, CCMC 12084-L and 2005 National Building Code – Canada air barrier permeance properties.



	SHIPLAP
Board size†: 2' x 8' (600 mm x 2,400 mm) 4' x 8' (1,200 mm x 2,400 mm) 4' x 9' (1,200 mm x 2,700 mm)	
Thickness††: 0.5" to 3" (13 mm to 75 mm)	
R-value (RSI): R-2.5 to R-15 (0.44 to 2.64)	

* Source: *Energy Efficiency Trends in Canada 1990 to 2005*, <http://oee.nrcan.gc.ca>

** R means resistance to heat flow. The higher the R-value or RSI (R-Value Système International), the greater the insulating power.

† Not all thicknesses and sizes available in all areas of the country. Consult your Dow representative with questions.

†† 0.5" (13 mm) available in butt edge treatment only



STYROFOAM™ BRAND PERIMATE™ INSULATION



Specially designed for exterior foundation walls, STYROFOAM™ Brand PERIMATE™ Insulation has grooves that channel water down to the footing drains or weeping tiles. Offers thermal insulation, protects waterproofing membrane and assists drainage of subsurface soil moisture in a single step. Suitable for use in pervious, semi-pervious and practically impervious soils. Meets CAN/ULC S701 Type 4, CCMC Class A Type 2 drainage requirements.

Board size**: 2' x 8' (600 mm x 2,400 mm)

Thickness: 2.125" to 2.5" (54 mm to 64 mm)

R-value (RSI): R-10 to R-12 (1.76 to 2.11)

SHIPLAP



STYROFOAM™ BRAND WALLMATE™ INSULATION

Designed for interior basement walls and crawl spaces, STYROFOAM™ Brand WALLMATE™ Insulation has slotted edges that when butted together form a slot between the foam boards to accommodate a 1" x 3" (25 mm x 75 mm) wood nailing strip. The strip is used to attach the boards to the basement wall. It also provides a nail base for drywall. Meets CAN/ULC S701 Type 2, CCMC 12083-L.

Board size**: 2' x 8' (600 mm x 2,400 mm)

Thickness: 1.5" to 2.4" (38 mm to 60 mm)

R-value (RSI): R-7.5 to R-12 (1.32 to 2.11)

SLOTTED



SPRAY FOAM SEALANTS AND ADHESIVE

FROTH-PAK™ Foam Sealant Kits

Available in convenient, portable kits, FROTH-PAK™ Foam Sealant is a two-component, quick-cure polyurethane foam that expands to fill cavities, penetrations and cracks larger than 2" (51 mm) such as:

- Roof and wall junctions
- Wall and attic penetrations
- Electrical, mechanical and plumbing penetrations
- Rim joist gaps



Meets CCMC 13074-R and UL Classified, Classification Certificate R13655.

Note: Consult the instructions and Material Safety Data Sheets carefully before use.

Product
FROTH-PAK™ 12
FROTH-PAK™ 200
FROTH-PAK™ 620

GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant

This minimal-expanding, one-component polyurethane foam sealant is suited for general purpose building envelope sealing. It fills, seals and insulates gaps up to 3" (75 mm), blocking drafts and enhancing occupant comfort. Meets CCMC 13074-R and UL Classified as an air sealant.



Note: Consult the label and Material Safety Data Sheet carefully before use.

Can Size, oz (g)	Delivery
24 (680)	Reusable Straw
24 (680)	Gun
30 (850)	Reusable Straw



Enhance installation of GREAT STUFF PRO™ products with PRO Series foam dispensing guns.



Simplify cleanup of uncured foam with GREAT STUFF PRO™ Gun Cleaner.

SPRAY FOAM SEALANTS AND ADHESIVE (CONTINUED)

GREAT STUFF PRO™ Window & Door Insulating Foam Sealant



A one-component, minimal-expanding, low pressure-build, flexible polyurethane foam that air seals the gap between a window or door frame and its rough opening. It is proven not to distort or bow window and door frames when properly applied. Meets CCMC 13074-R and UL Classified as an air sealant.

Note: Consult the label and Material Safety Data Sheet carefully before use.

Can Size, oz (g)	Delivery	No. of Windows ⁽¹⁾
20 (567)	Standard Straw	6-9
20 (567)	Gun	8-11

(1) Estimated yield (gun foam) under ideal conditions for 36" x 60" window, 3/8" (10 mm) wide gap, 1" (25 mm) deep, 3/8" bead.



GREAT STUFF PRO™ Wall & Floor Adhesive

GREAT STUFF PRO™ Wall & Floor Adhesive is a heavy-duty, premium-grade polyurethane foam adhesive used to adhere subfloors, drywall, paneling, foam panels and most construction materials. One 24 oz (680 g) can equals up to 16 tubes of traditional caulk adhesive at 1/4" (0.6 cm) bead. For convenience, use PRO 14 Series long barrel gun (not shown).

Note: Consult the label and Material Safety Data Sheet carefully before use.

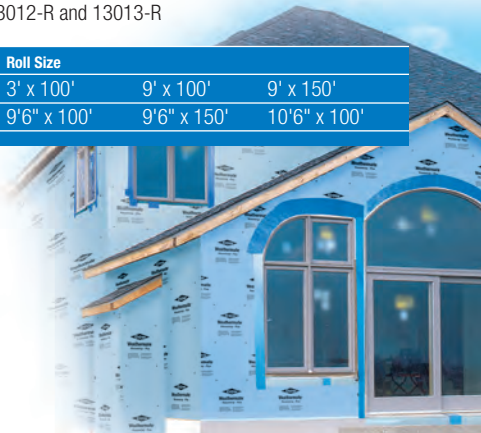
WEATHER BARRIER SOLUTIONS

WEATHERMATE™ Plus Housewrap

WEATHERMATE™ Plus Housewrap reduces costly air and moisture infiltration. Meets National Building Code – Canada air barrier and sheathing membrane requirements. Can be left exposed for up to 60 days.

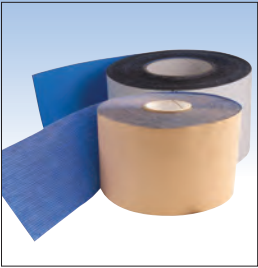
- Non-woven, non-perforated polyolefin
- Excellent breathability and tear resistance
- Meets CCMC 13012-R and 13013-R

Roll Size		
3' x 100'	9' x 100'	9' x 150'
9'6" x 100'	9'6" x 150'	10'6" x 100'



WEATHERMATE™ Flashings

WEATHERMATE™ Flexible and Straight Flashings provide a tear-resistant seal that resists water intrusion around window and door openings. The flashings combine a high-density polyethylene (HDPE) film facer with a butyl rubber adhesive to form a strong mechanical and chemical bond to most building materials. WEATHERMATE™ Flexible Flashing provides seamless protection around curved openings and custom shapes.



Product	Thickness, mil	Width, in (mm)	Length, ft (m)
WEATHERMATE™ Flexible Flashing	60	6 (150)	75 (23)
	60	9 (230)	75 (23)
WEATHERMATE™ Straight Flashing	20	4 (100)	100 (30.5)
	20	6 (150)	100 (30.5)
	20	9 (230)	100 (30.5)



WEATHERMATE™ Sill Pan

WEATHERMATE™ Sill Pan is a translucent, molded polymer that conforms to window openings, providing seamless protection at sill corners and assisting positive drainage of water to the exterior. It will not rust or rot and is compatible with standard adhesives and sealants. Now without a backdam, it is sold as two-piece assembly that adjusts to fit most windowsill widths.

Dimensions
5" h x 3-3/4" d x 32" l (each piece)

SPECIALTY PRODUCTS

STYROFOAM™ Brand Buoyancy Billets

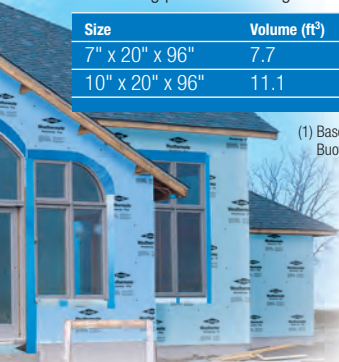
An excellent choice for floating structures such as docks, rafts and boathouses, the large blocks or billets of rigid extruded polystyrene foam will not lose their buoyancy, even if punctured. A 10" thick billet provides 1-1/2 times the buoyancy of traditionally used steel drums. And the billets won't waterlog, rust or corrode, and resist damage from marine growth.



For building plans for floating docks and rafts, visit www.insulateyourhome.ca.

Size	Volume (ft ³)	Approximate Weight (lb)	Buoyancy Force (lb) ⁽¹⁾
7" x 20" x 96"	7.7	16	465
10" x 20" x 96"	11.1	23	670

(1) Based on a water density of 62.4 lb/ft³.
Buoyancy force does not include a safety factor.





For Technical Information: 1-866-583-BLUE (2583) (English) . 1-800-363-6210 (French)
For Sales Information: 1-800-232-2436 ext. 35798 (English) . 1-800-565-1255 ext. 35796 (French)

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STYROFOAM™ Brand Extruded Polystyrene Foam Insulation

CAUTION: This product is 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 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-519-339-3711.

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: When cured, 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 (116°C). For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-519-339-3711.

FROTH-PAK™ spray polyurethane 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 PRO™ Insulating Foam Sealants contain isocyanate and a flammable blowing agent. Read the label and Material Safety Data Sheet 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 mould formation. No material supplier including Dow can give assurance that mould will not develop in any specific system.

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