

# Where, When and Which GREAT STUFF™ Insulating Foam Sealant to Use

## GREAT STUFF™ GAPS & CRACKS

A Quick, Simple Way to Create an Airtight, Water-Resistant Seal

- Fills, seals and insulates gaps up to 1 inch
- Forms a weathertight seal to help stop air leakage and energy loss
- Excellent adhesion to building materials



## GREAT STUFF™ BIG GAP FILLER

Greater Expansion, Fills Larger Gaps

- Fills, seals and insulates gaps greater than 1 inch
- Forms a weathertight seal to help stop air leakage and energy loss
- Excellent adhesion to building materials



## GREAT STUFF™ WINDOW & DOOR

Helps Lower Energy Bills by Sealing the Windows and Doors Around Your Home

- Won't bow window and door frames when properly installed
- Allows expansion and contraction
- Excellent adhesion to vinyl, wood and metal
- Airtight, water-resistant seal



## GREAT STUFF™ FIREBLOCK

Fireblocking for Residential Construction

- Helps impede the spread of fire and smoke through service penetrations \*\*\*
- Bright orange foam for easy code identification
- Seals service penetrations between floors
- Seals electrical runs through wall studs



## GREAT STUFF™ PESTBLOCK

Blocks Out Pests and Reduces Air Leaks

- Blocks the entry of pests that can damage the house and its contents
- Contains no pesticides
- Forms a long-lasting, airtight and water-resistant barrier
- Helps improve the home's energy efficiency by sealing gaps and cracks



## GREAT STUFF™ POND & STONE

Fill Gaps to Direct Water Flow Over Rocks

- Landscape/hardscape foam filler, sealer and adhesive
- Water-resistant
- Black foam color for multiple damp and dry applications





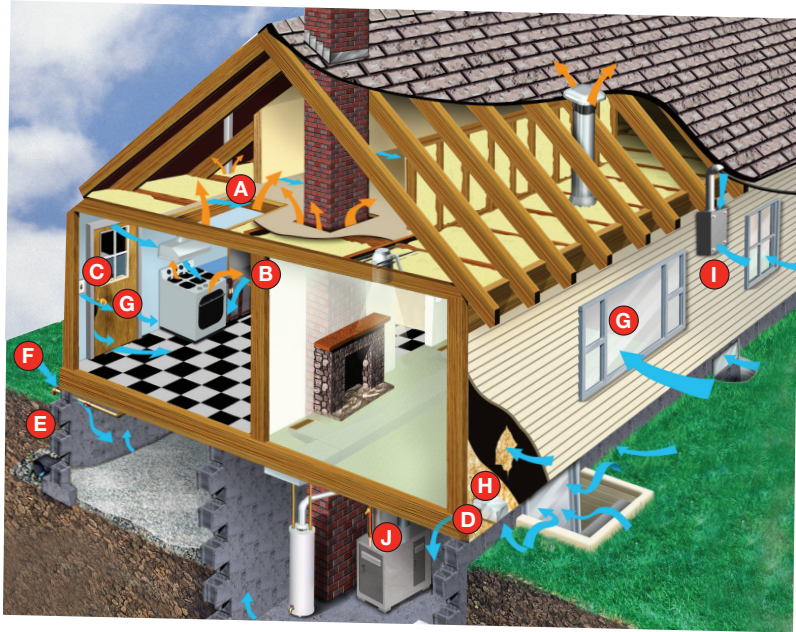
# Stop Air Leaks with GREAT STUFF™ Insulating Foam Sealants

**PROBLEM**

Air leaks account for 25-40% of the energy used for heating and cooling a typical home.\*

**SOLUTION**

Fill leaks throughout the home with air sealing products from Dow. GREAT STUFF™ Insulating Foam Sealants are practical, low-cost and easy-to-use solutions for long-term energy efficiency and money savings.



Key Sources of Energy Loss in a Home where GREAT STUFF™ Insulating Foam Sealants Can Be Used.

- A** Attic Hatch
- B** Plumbing
- C** Electrical Outlets
- D** Sill Plate
- E** Rim Joist
- F** Hose Bib
- G** Window and Door
- H** Dryer Vent
- I** Main Electrical Panel
- J** HVAC

## Savings Summary

According to the Residential Energy Services Network (RESNET), proper insulating and air sealing can help lower heating and cooling costs by up to 30%.

### Savings realized after air sealing during a recent study\*\*:

#### Rim Joist and Sill Plate Penetrations

- Average annual savings: \$44
- Average payback time: 9.4 months

#### Plumbing Penetrations Under Sinks

- Average annual savings: \$45
- Average payback time: 2 weeks

#### Wall-Floor Junction Gap

- Average annual savings: \$6
- Average payback time: 1.1 months

#### Recessed Lighting Can Exterior to Drywall

- Average annual savings: \$12
- Average payback time: 2.5 months

#### Two Windows

- Average annual savings: \$27
- Average payback time: 2.7 months

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#### 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 (Material) Safety Data Sheets ((M)SDS), call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada. When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside. See website: <http://www.epa.gov/iaq/homes/hip-ventilation.html>. In Canada visit <http://archive.nrc-cnrc.gc.ca/eng/ibp/irc/bsi/83-house-ventilation.html>.

GREAT STUFF™ sealant and adhesive products contain isocyanate and a flammable blowing agent. Read all instructions and ((M)SDS carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds

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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\* Source: [www.energystar.gov](http://www.energystar.gov)

\*\* In this study conducted by Dow and D.R. Nelson & Associates, air loss was measured 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.

