A leading cause of energy loss: air infiltration through gaps and cracks. In fact, between 25-40 percent of a home's energy loss is from air escape routes around the home.* But it can get worse. Where there's air, there's most likely moisture, which can lead to mold and mildew and other moisture-related problems. And don’t forget dust, smoke, outside noise and insects that may invade an unsealed building envelope. You can lead the homeowner away from this costly and potentially damaging scenario by choosing FROTH-PAK™ products from Dow.**

Put a Stop to It

Stop air infiltration and its side effects with FROTH-PAK™ Foam Insulation kits† and FROTH-PAK™ Foam Sealant kits. Two-component, quick-cure FROTH-PAK™ polyurethane foam quickly expands to fill cavities, penetrations and cracks greater than 2” (50 mm). Both deliver a high yield and are packaged in easy-to-handle, self-contained, portable containers, designed for hard-to-reach air-sealing jobs.

The Class-A rating (flame spread of 25 or less) of FROTH-PAK™ Foam Insulation qualifies it as an effective insulation for wall, attic and crawl space applications.

FROTH-PAK™ Foam Sealant has a flame spread of 25†† at a maximum width of 4” (100 mm) and maximum thickness of 2” (50 mm).

A Pack of Features and Benefits

- Chemically cured, reduced curing time
- Bonds to wood, rigid foam, masonry, metal, drywall and more
- One-step application
- Specialized nozzles – widest selection in the industry today
- Boxed kits with cylinder handles for enhanced portability
- Self-contained kits need no additional gas cylinders or equipment
- Temperature indicator for consistent quality of end product
- Variety of cylinder sizes (larger refillable systems available)

*Source: www.energystar.gov
**Consult the instructions and Material Safety Data Sheets carefully before use.
†Available in the United States only
††Flame spread is 25 in the United States and 30 in Canada.
FROTH-PAK™ Fills the Void

FROTH-PAK™ products can quickly fill the cracks, crevices and penetrations that lead to energy loss and/or poor water management.

- Plumbing stack vent
- Interior partitions
- Attic hatch
- Kitchen fan vent
- Electrical outlets (outside perimeter of electrical boxes)*
- Gaps/cracks around doors (>2" [50 mm])**
- Outdoor faucet
- Chases/soffits/drop ceilings
- Cracks/separation in foundation wall/basement floor
- Floor drain/weeping tile
- Dryer vent
- Holes and tears in housewrap/vapor barrier
- Sill plate
- Gaps/cracks around windows (>2" [50 mm])**
- Entry points for electrical service, TV cable and telephone
- Bathroom fan vent
- Chimney penetrations†

As an air sealant††, FROTH-PAK™ products are an ideal choice for many applications that require a maximum 4" (100 mm) wide strip of sealant, including:

- Wall/attic penetrations
- Wall cavity perimeter air sealing
- Electrical, mechanical and plumbing penetrations
- Other gaps, cracks or crevices in the building envelope

As insulation††, FROTH-PAK™ Foam Insulation is well suited for:

- Roof/wall junctures
- Stud wall cavities
- Cold floors above unheated areas such as living area above garage
- Rim or band joists
- Crawl space walls and ceilings
- Attics
- Plumbing wall pipe insulation and support

* Before applying, turn off electrical power to that area of the home. Be sure that wiring has protective covering. Never apply foam to exposed wiring or inside an electrical box.
** For gaps and cracks less than 2" (50 mm) around windows and doors, use low pressure-build GREAT STUFF PRO™ Window & Door Insulating Foam Sealant.
† Maximum service temperature 240˚F (116˚C).
†† These applications should be covered with an ignition/thermal barrier, except for rim or band joists. FROTH-PAK™ Foam Insulation can be left exposed in roof/wall junctures at maximum 6" high, 2" deep and unlimited length. It shall not be used in lieu of a fire-resistance rated joint should one be required.
When wet, fiberglass loses insulating value, and it can provide suitable conditions for mold and mildew growth. FROTH-PAK™ foam resists moisture, reducing the potential for mold and mildew growth.

Compressing fiberglass diminishes its insulating value. When hard-to-fill gaps are stuffed with fiberglass, the result is a poor air seal. FROTH-PAK™ products uniformly fill in gaps and maintain their original shape.

Cellulose insulation has its disadvantages. When improperly installed, there can be gaps around pipe penetrations as shown. Dry-blown cellulose can settle, creating additional air pockets. It can also absorb moisture, significantly reducing its thermal value and allowing the potential for mold and mildew growth. FROTH-PAK™ products, when installed properly, expand to form an airtight seal – even around penetrations. FROTH-PAK™ foam does not settle and resists moisture penetration.

**Forget the Others; Follow the Leader**

FROTH-PAK™ Foam Insulation kits and FROTH-PAK™ Foam Sealant kits offer exceptional performance, and moisture and air resistance. Traditional insulations such as fiberglass and cellulose don’t always stand up to the test.

### FROTH-PAK™ Foam Sealant™ Kits

<table>
<thead>
<tr>
<th>Product</th>
<th>Theoretical Yield², bd ft (m³)</th>
<th>Reaction</th>
<th>Density, lb/ft³ (kg/m³)</th>
<th>Aged R-Value (RSI)²⁻³⁻⁴</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROTH-PAK™ 12</td>
<td>12 (0.03)</td>
<td>Quick</td>
<td>1.9 (30)</td>
<td>4.6 (0.81)</td>
</tr>
<tr>
<td>FROTH-PAK™ 120</td>
<td>120 (0.28)</td>
<td>Quick</td>
<td>1.75 (28)</td>
<td>4.7 (0.83)</td>
</tr>
<tr>
<td>FROTH-PAK™ 200</td>
<td>200 (0.46)</td>
<td>Quick</td>
<td>1.75 (28)</td>
<td>4.7 (0.83)</td>
</tr>
<tr>
<td>FROTH-PAK™ 620</td>
<td>620 (1.46)</td>
<td>Quick</td>
<td>1.75 (28)</td>
<td>4.7 (0.83)</td>
</tr>
</tbody>
</table>

1. Underwriters Laboratories Listed – foam sealant
2. Larger sizes, including refillable systems, are also available.
3. The theoretical yield has become an industry standard for identifying certain sizes of two-component systems. Theoretical yield calculations are based on perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application methods and types.
4. R means resistance to heat flow. The higher the R-value or RSI, the greater the insulating power. Aged R-value (RSI) measured at 90 days, 140°F (60°C), 50% R.H.

### FROTH-PAK™ Foam Insulation™ Kits

<table>
<thead>
<tr>
<th>Product</th>
<th>Theoretical Yield², bd ft (m³)</th>
<th>Reaction</th>
<th>Density, lb/ft³ (kg/m³)</th>
<th>Aged R-Value (k-factor)²⁻³⁻⁴</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROTH-PAK™ 200</td>
<td>200 (0.46)</td>
<td>Quick</td>
<td>1.75 (28)</td>
<td>5.35 (0.027)</td>
</tr>
<tr>
<td>FROTH-PAK™ 620</td>
<td>620 (1.46)</td>
<td>Quick</td>
<td>1.75 (28)</td>
<td>5.35 (0.027)</td>
</tr>
</tbody>
</table>

1. Underwriters Laboratories Listed – Class A foam, 25 flame spread at full coverage
2. Larger sizes, including refillable systems, are also available.
3. The theoretical yield has become an industry standard for identifying certain sizes of two-component systems. 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.
4. R means resistance to heat flow. The higher the R-value (or lower the k-factor), the greater the insulating power. Aged R-value (k-factor) measured at 90 days, 140°F (60°C), 50% R.H.
**In Control with Specialized Nozzles**

The INSTA-FLO™ dispensing spray gun from Dow features patented nozzles, eliminating chemical crossover.

Choose from the widest selection of specialized nozzles in the industry today:

**Caulking**
- Controlled bead size
- Available: Yellow Back – Low Output
  - White Back – Medium Output

**Fan/Spray**
- Wide area coverage
- Available: White Back – Low Output
  - Gray Back – Medium Output
  - Black Back – High Output

**NS Cone/Spray**
- Small area coverage
- Available: White Back – Low Output
  - Gray Back – Medium Output
  - Black Back – High Output

**Pour**
- Large volume coverage
- Available: Black Back – High Output

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**Break with traditional insulation and sealant. Lead the way with FROTH-PAK™ Foam Insulation kits and FROTH-PAK™ Foam Sealant kits.**

866-583-BLUE (2583) • www.insulateyourhome.com

**FOR CAVITIES, CRACKS AND PENETRATIONS LESS THAN 3".**
Dow recommends GREAT STUFF PRO™ Gaps & Cracks Insulating Foam Sealant. For window and door framework, the low pressure-build, minimal-expanding GREAT STUFF PRO™ Window & Door Insulating Foam Sealant is proven not to distort or bow the framework, when properly installed.

**FOR LARGE JOBS, STYROFOAM™**
Brand Spray Polyurethane Foam (SPF) Insulation provides seamless protection against moisture and air infiltration. STYROFOAM™ Brand SPF should be installed by a trained SPF applicator.

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Printed in U.S.A.