



Dow Building Solutions

## FROTH-PAK™ ULTRA Premium Foam Insulation System

The insulation that outperforms.

The low-pressure  
foam that thinks  
it's high-pressure.



FOR USE IN THE UNITED STATES ONLY.

**FROTH-PAK ULTRA**

premium foam insulation by

# Fewer restrictions. Expanding opportunities.

FROTH-PAK™ ULTRA Premium Foam Insulation<sup>1</sup> is a refill system that provides contractors with the same performance attributes as SPF drum foam insulation, but without the expense of large rigs. With no length or width restrictions, this insulation is the only low-pressure foam that can be left exposed up to 8" thick in rim joists and 10" thick in uninhabitable attics and ventilated crawl spaces. Thicker installations are approved behind a thermal barrier. And with re-entry permitted after just one hour (when proper ventilation is employed), tradesmen and occupants can return quickly.

## Lower long-term cost of ownership

- Compared to large, high-pressure systems, FROTH-PAK™ ULTRA has:

- Less up-front capital investment
- Minimal setup time
- Less equipment maintenance
- Low-cost replacement parts
- No specialized technician required to maintain/repair
- No container disposal cost

## A solution that's simple to use

- User only needs to provide an air compressor
- Hose length up to 160'
- 1 hour re-entry vs. 24 hours for high-pressure drum systems
- Industry-leading dispensing system
- Technical installation training is provided

## Increased performance for premium results

- Aged R-value 6.5 per inch<sup>(2)</sup>
- Seamless, monolithic foam seals out moisture and air

- Multiple applications, such as rim joists, attics, wall cavities, wine rooms, cold floors, and flash and batt
- Class-A rating (flame spread index of 25 or less; smoke-developed index of 450 or less)
- Dispenses, expands and becomes tack-free in seconds
- Meets the following Building Code Requirements:
  - ASTM E84
  - NFPA 286
  - ICC ESR-3568
  - IBC/IRC requirements for foam plastic insulation
- NFPA 285-[06] Standard Fire Test when used in conjunction with specific wall assemblies

## How FROTH-PAK™ ULTRA can help your business grow.

### Broaden your scope of work:

This system is approved for use in many more applications than other low-pressure spray foams, which can open your business up to new job opportunities.

### Expand your current service offerings:

FROTH-PAK™ ULTRA refill cylinders are a great way to leverage business and secure smaller jobs without tying up a large, high-pressure rig.

### Launch a new spray foam or insulation service:

Let Dow help you enter facilities without the expense and maintenance of drums and large rigs.

## The right size for the job.

Select the cylinder size best suited for the job. Start out small and see how your business can grow. Each cylinder uses the same regulators and accessories, eliminating equipment upgrade charges.

REFILLABLE CYLINDERS	THEORETICAL YIELD, <sup>3</sup> BOARD FEET	SYSTEM WEIGHT
FROTH-PAK ULTRA™ 17 (gal)	1,622	424
FROTH-PAK ULTRA™ 27 (gal)	2,725	809
FROTH-PAK ULTRA™ 60 (gal)	5,405	1,480
FROTH-PAK ULTRA™ 120 (gal)	12,160	3,100



### Ultra Dispensing Spray Gun

- Provides the right spray pattern for the job
- Dispenses on ratio, resulting in better foam quality



### Nozzles

- Patent-pending nozzle design mixes chemicals and air for improved foam surface quality
- Side wing design for quick attachment to gun
- See-through dispensing tips to easily identify used nozzles
- Tapered design to improve mixing and enhance foam quality

<sup>1</sup> Consult the product manual and (Material) Safety Data Sheet ((M)SDS) carefully before use.

<sup>2</sup> R means resistance to heat flow. The higher the R-value, the greater the insulating power. Insulation: per inch, aged 180 days at room temperature.

<sup>3</sup> The theoretical yield has become an industry standard for identifying two-component systems. Theoretical yield calculations are performed in perfect laboratory conditions without taking into account the loss of blowing agent or the variations of application methods and types.

# A full-coverage solution that outperforms the competition.

Solutions							
Applications <i>When no width is indicated, there is no restriction</i>	FROTH-PAK™ ULTRA PREMIUM FOAM INSULATION (NFPA 286) ICC-ES Evaluation Report ESR-3568	FROTH-PAK™ FOAM INSULATION CLASS A (NFPA 286) ICC-ES Evaluation Report ESR-3228	CONVENIENCE TOUCH 'N SEAL FR (NFPA 286) ICC-ES Evaluation Report ESR-3052	TIGER FOAM E84 FIRE- RATED INSULATION (NFPA 286) ICC-ES Evaluation Report ESR-3183	FOMO HANDI- FOAM E84 CLASS 1 SPRAY FOAM (NFPA 286) ICC-ES Evaluation Report ESR-2717	TVM MEGA FILL PRO RF*	
<b>ATTICS AND CRAWL SPACES MAXIMUM THICKNESS</b>	10" without a prescriptive ignition barrier (cannot use in habitable spaces — see ESR).	2" thickness limit. Must be covered by a code prescribed ignition barrier (cannot use in habitable spaces — see ESR).	2" thickness limit. Must be covered by a code prescribed ignition barrier or an intumescent coating (cannot use in habitable spaces — see ESR).			No information	
<b>ATTIC FLOORS</b>	10" between and over the joists in attic floors. Must be separated from the interior of the building by an approved thermal barrier; ignition barrier may be omitted (cannot use in habitable spaces — see ESR).	2" thickness limit. Must be covered by a code prescribed ignition barrier (cannot use in habitable spaces — see ESR).	2" between the joists in attic floors. Must be covered by a code prescribed ignition barrier or an intumescent coating (cannot use in habitable spaces — see ESR).			No information	
<b>KNEE WALLS</b>	10" without a prescriptive ignition barrier, if space is uninhabitable, provided it meets conditions in ESR-3568, Section 4.2.2; if these conditions are not met, a thermal barrier is required (cannot use in habitable spaces — see ESR).	2" thickness limit. Must be covered by a code prescribed ignition barrier (cannot use in habitable spaces — see ESR).	2" thickness limit. Must be covered by a code prescribed ignition barrier or intumescent coating (cannot use in habitable spaces — see ESR).			No information	
<b>EXTERIOR OF DUCT SEALING AND INSULATING MAXIMUM THICKNESS AND COVERAGE WIDTH</b>	Entire duct, 10" thick (without a prescriptive ignition barrier, if space is uninhabitable, provided duct is in attic or crawl space that meets conditions specified in ESR-3568, Section 4.4.2).			Only joints, 2" thick x 6" width.			No information
<b>SILL PLATES/HEADER/ BAND JOIST/RIM JOIST MAXIMUM THICKNESS</b>	8" (no thermal or ignition barrier required).			2" (no thermal or ignition barrier required).			No information
<b>IRC APPROVED APPLICATIONS (USE BEHIND THERMAL BARRIER)</b>							
<b>WALL INSULATION — FULL COVERAGE MAXIMUM THICKNESS</b>	12"			2"			No information
<b>COLD FLOORS (E.G., GARAGE CEILINGS) MAXIMUM THICKNESS</b>	12"			2"			No information
<b>WINE ROOMS MAXIMUM THICKNESS</b>	12"			2"			No information

Because use conditions and applicable laws may differ from one location to another and may change with time, check with local building codes, applicable laws and other government enactments for compliance details prior to use.

\* No code report found.

## Our people and products help you outperform, again and again.

For over 60 years, Dow has offered a broad portfolio of solutions for insulation and air sealing. FROTH-PAK™ ULTRA Premium Foam Insulation is just one of our proven solutions that's backed by a first class support team.

Our industry leading sales and technical support team will help you outperform on the job and for your business. With a dedicated in-house customer service team and in-field sales team working to generate demand for your business, we're with you every step of the way from training to installation and beyond.

Before you get started with FROTH-PAK™ ULTRA Premium Foam Insulation, contact us. We'll help you determine which size jobs FROTH-PAK™ ULTRA will be most profitable for your business.



In the U.S.

**The Dow Chemical Company**

**Dow Building Solutions**

200 Larkin Center

Midland, MI 48674

Sales and Technical Information

**1-866-583-BLUE (2583)**

**sprayfoamatdow.com**

**dowbuildingsolutions.com**

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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 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>.

**FROTH-PAK™ ULTRA Premium Foam Insulation** contains isocyanate, hydrofluorocarbon blowing agent and polyol. Read the instructions and (Material) Safety Data Sheets ((M)SDS) carefully before use. Wear protective clothing (including long sleeves), gloves, goggles or safety glasses, and proper full-faced respiratory protection.

Do not breathe vapor or mist. Use only with adequate ventilation. It is recommended that applicators and those working in the spray area wear full-faced respiratory protection. Increased ventilation significantly reduces the potential for isocyanate exposure, however, supplied air or an approved full-faced air-purifying respirator equipped with an organic vapor sorbent and a particulate filter may still be required to maintain exposure levels below ACGIH, OSHA, WEEL or other applicable limits. For situations where the atmospheric levels may exceed the level for which an air-purifying respirator is effective, use a positive-pressure, full-faced air-supplying respirator (air line or self-contained breathing apparatus). Spraying large amounts of foam indoors may require the use of a positive pressure, air-supplying respirator. 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.