

Construction News

February 12, 2008



McQuade & Bannigan carrying polyurethane foam products

“Heating Costs May Rise 25 Percent”
The Observer-Dispatch; uticaod.com; November 8, 2007

“Consumer Energy Costs Skyrocketing”
consumeraffairs.com; November 1, 2007

“Energy Costs: ‘If You Don’t Manage It, It Will Manage You’”
manufacturing.net; January 11, 2007

McQuade & Bannigan Inc.

Need to manage your energy costs



Consider FOMO Products polyurethane foam products

Why?

Simple—improve performance. FOMO Products offers a unique “Stop Air Filtration” package of polyurethane foam products that will handle most air sealing requirements, eliminating the need to purchase multiple types of insulation and sealant products. The investment in reducing air filtration is nominal in new construction and remodeling,

while the payback in energy savings and comfort is significant.

Builder’s Advantages

- Reduces energy costs and HVAC equipment size
- Assists home in attaining an ENERGY STAR® rating
- Provides potential for Energy Efficient Mortgages

Insulator’s Advantages

- **DO IT YOURSELF:** fast application and using your own crew reduces labor costs
- Widest range of application
- Complete “foam and seal” package

Home Owner’s Advantages

- Effective air barrier prevents condensation, greatly reducing the potential for mold growth
- Improves indoor comfort and air quality
- Significantly lowers heating and cooling costs
- Works toward the energy tax credit

Product information and reference charts inside.



Two-Component Foam Kits *for large applications*




HANDI-FOAM® QUICK CURE SPRAY FOAM

Disposable, multipurpose, two-component, polyurethane froth foam

Fomo's disposable foam kits are chemically cured, two-component polyurethane foam kits designed to fill large voids and surfaces. Compared to standard insulation products, Fomo's disposable foam kits have higher insulation values, are easy to install, and provide complete air tight coverage. The portability of the foam kits allows for maximum flexibility to fit virtually any application job.



The pre-pressurized, portable two-component froth systems are dispensed through the state-of-the-art Handi-Gun® froth dispensing unit, providing unsurpassed quality and flexibility in end-use performance.


SPECIFICATIONS	TYPICAL APPLICATIONS		
<ul style="list-style-type: none"> expansion is 4-8 times the dispensed volume tack-free in 60 seconds; cuttable within 2-5 minutes; fully cured within 1 hour R-value of 6-7 per inch; density range of 1.75 lb./ft.³ E-84 Class 1 spray foam contains flame retardents in order to meet ASTM E-84 testing (Class 1 is a flame resistance rating; the foam is not fire-proof) 	<ul style="list-style-type: none"> insulate and deaden sound insulate and seal rim and bond joists insulate and seal wall cavities cold storage insulate spas, hot tubs, showers and plumbing fixtures insulate and seal attic floor fill molds and large voids sealing around pipes and duct work 		
Item # / Description	Coverage	Price	
 #P10600 / II-12 Handi-Foam	12 bd. ft. (12 sq. ft. at 1" thickness)	Special Order Only	
	#P10700 / II-105 Handi-Foam	105 bd. ft. (105 sq. ft. at 1" thickness)	Includes 8 nozzles \$227²³
	#P10705 / II-105 Handi-Foam E-84 Class 1	105 bd. ft. (105 sq. ft. at 1" thickness)	Includes 8 nozzles \$242⁵⁶
	#P10720 / II-205 Handi-Foam	205 bd. ft. (205 sq. ft. at 1" thickness)	Includes 8 nozzles \$352⁹⁷
	#P10749 / II-605 Handi-Foam	605 bd. ft. (605 sq. ft. at 1" thickness)	Includes 8 nozzles \$679⁹⁵
	#P10762 / II-605 Handi-Foam E-84 Class 1	605 bd. ft. (605 sq. ft. at 1" thickness)	Includes 8 nozzles \$699⁹⁵
 #P22070 / System 17 Handi-Foam E-84 Class 1 Refill	1980 bd. ft. (12 sq. ft. at 1" thickness)	Call for Information & Pricing Quantity Discounts Available	

HANDI-FLOW® POUR-IN-PLACE SLOW RISE FOAM

Disposable, multipurpose, two-component, polyurethane froth foam

HANDI-FLOW foams are chemically cured systems engineered with a slower cure time than HANDI-FOAM spray foams, allowing the foam to flow throughout the cavity to fill the entire void.



SPECIFICATIONS	TYPICAL APPLICATIONS		
<ul style="list-style-type: none"> expansion is 3-5 times the dispensed volume tack-free in 60-90 seconds; cuttable within 5-10 minutes; fully cured within 1 hour R-value of 5.9 per inch; density of 2.0 lb./ft.³ 	<ul style="list-style-type: none"> fill and insulate large voids and blind cavities add structural support, prevent vibrations and deaden sound provide buoyancy (meets the Coast Guard requirements for floatation) 		
Item # / Description	Coverage	Price	
 #P10760 / 2-43 Handi-Flow Slow Rise Pour-in-Place	43.7 ft. ³	Call for Pricing	

Two-Component Products *for large applications*

HANDI-FOAM® SOUND BARRIER POLYURETHANE FOAM



Multipurpose, open cell, low density polyurethane froth foam

HANDI-FOAM Sound Barrier is designed for sound deadening and filling and insulating large surfaces. Sound Barrier achieves a Sound Transmission Coefficient (STC) of 35 at three inches thick. Its high expansion properties easily fills voids, and its quick cure time reduces labor time and costs.

SPECIFICATIONS

- optimum application temperature is 80°F
- tack-free in 30-45 seconds; cuttable in 3-5 minutes; cures within 1 hour
- R-value of 3.7 ±0.2"; density range of 0.75±0.25 lb./ft.³
- Noise Reduction Coefficient (NRC) of 70

TYPICAL APPLICATIONS

- sound deadening in interior walls, office walls, media rooms, play rooms and server rooms

	Item # / Description	Coverage	Price
	#P10697 / II-250 Sound Barrier	250 bd. ft. (250 sq. ft. at 1" thickness)	\$249⁴⁰

One-Component Products *for small applications*

HANDI-FOAM® FIREBLOCK FOAM SEALANT



Multipurpose, UL classified, one-component, polyurethane foam


Fireblock is used to block the passage of flame and smoke in concealed penetrations from room to room and from floor to floor in Type V residential construction (International Residential Code, Section R602.8). It is not to be used as a fireblock in commercial construction.

SPECIFICATIONS

- expansion is up to 3 times the dispensed volume
- tack-free in ≈5 minutes; cuttable within 1 hour; cures within 12-24 hours
- R-value of 4-5 per inch; density range of 1.1 lb./ft.³
- orange colored foam for easy identification
- meets ASTM E-84 Class 1 specifications for caulks and sealants

TYPICAL APPLICATIONS

- bead application for filling small holes, gaps and cracks
- fill gaps and around pipes and behind electrical outlets
- seal cracks at wall and floor joints
- seal around HVAC units and duct work
- fix small holes and other damage
- block inset and rodent pathways
- seal wire and plumbing penetrations

	Item # / Description	Theoretical Yield	Price												
	#P30181 / 24 oz. Fireblock Gun Foam	<table border="1" style="font-size: small;"> <thead> <tr> <th>BEAD SIZE</th> <th>YIELD</th> <th>VOLUME</th> </tr> </thead> <tbody> <tr> <td>¼"</td> <td>4403'</td> <td>1.50 ft.³</td> </tr> <tr> <td>⅜"</td> <td>1957'</td> <td>1.50 ft.³</td> </tr> <tr> <td>½"</td> <td>1101'</td> <td>1.50 ft.³</td> </tr> </tbody> </table>	BEAD SIZE	YIELD	VOLUME	¼"	4403'	1.50 ft. ³	⅜"	1957'	1.50 ft. ³	½"	1101'	1.50 ft. ³	\$13²³
	BEAD SIZE	YIELD	VOLUME												
¼"	4403'	1.50 ft. ³													
⅜"	1957'	1.50 ft. ³													
½"	1101'	1.50 ft. ³													
#P10192 / 24 oz. Fireblock Straw Foam	<table border="1" style="font-size: small;"> <thead> <tr> <th>BEAD SIZE</th> <th>YIELD</th> <th>VOLUME</th> </tr> </thead> <tbody> <tr> <td>¼"</td> <td>3992'</td> <td>1.36 ft.³</td> </tr> <tr> <td>⅜"</td> <td>1774'</td> <td>1.36 ft.³</td> </tr> <tr> <td>½"</td> <td>998'</td> <td>1.36 ft.³</td> </tr> </tbody> </table>	BEAD SIZE	YIELD	VOLUME	¼"	3992'	1.36 ft. ³	⅜"	1774'	1.36 ft. ³	½"	998'	1.36 ft. ³	\$14³⁰	
BEAD SIZE	YIELD	VOLUME													
¼"	3992'	1.36 ft. ³													
⅜"	1774'	1.36 ft. ³													
½"	998'	1.36 ft. ³													

HANDI-SEAL® WINDOW & DOOR FOAM SEALANT



Multipurpose, UL classified, one-component, polyurethane foam


HANDI-SEAL is a patented closed cell, low pressure window and door foam. It has an extremely low pressure build while curing, which greatly reduces the chance of bowing or distorting windows or doors. HANDI-SEAL's Dry Seal Technology™ prevents moisture and mold problems by repelling water.

SPECIFICATIONS

- expands at ½ the pressure to eliminate bowing of window and door frame
- bead growth of 200-300% during first hour of cure
- tack-free in ≈5 minutes; cuttable within 1 hour; cures within 12-24 hours
- R-value of 4-5 per inch; density range of 1.44 lb./ft.³
- gray colored foam for easy identification; complies w/AAMA document 812-04

TYPICAL APPLICATIONS

- bead application for filling small holes, gaps and cracks
- fill gaps and around utility panels, pipes and duct penetrations
- seal around window and door frame joints, beneath base plates, mud sills, top plate penetrations, corner joints, and T-joints

	Item # / Description	Theoretical Yield	Price												
	#P10131 / 24 oz. Window & Door Gun Foam	<table border="1" style="font-size: small;"> <thead> <tr> <th>BEAD SIZE</th> <th>YIELD</th> <th>VOLUME</th> </tr> </thead> <tbody> <tr> <td>¼"</td> <td>2900'</td> <td>1.04 ft.³</td> </tr> <tr> <td>⅜"</td> <td>1290'</td> <td>1.04 ft.³</td> </tr> <tr> <td>½"</td> <td>726'</td> <td>1.04 ft.³</td> </tr> </tbody> </table>	BEAD SIZE	YIELD	VOLUME	¼"	2900'	1.04 ft. ³	⅜"	1290'	1.04 ft. ³	½"	726'	1.04 ft. ³	\$15²³
	BEAD SIZE	YIELD	VOLUME												
¼"	2900'	1.04 ft. ³													
⅜"	1290'	1.04 ft. ³													
½"	726'	1.04 ft. ³													
#P10141 / 24 oz. Window & Door Straw Foam	<table border="1" style="font-size: small;"> <thead> <tr> <th>BEAD SIZE</th> <th>YIELD</th> <th>VOLUME</th> </tr> </thead> <tbody> <tr> <td>¼"</td> <td>2140'</td> <td>.79 ft.³</td> </tr> <tr> <td>⅜"</td> <td>950'</td> <td>.79 ft.³</td> </tr> <tr> <td>½"</td> <td>534'</td> <td>.79 ft.³</td> </tr> </tbody> </table>	BEAD SIZE	YIELD	VOLUME	¼"	2140'	.79 ft. ³	⅜"	950'	.79 ft. ³	½"	534'	.79 ft. ³	\$17¹⁴	
BEAD SIZE	YIELD	VOLUME													
¼"	2140'	.79 ft. ³													
⅜"	950'	.79 ft. ³													
½"	534'	.79 ft. ³													

One-Component Products *for small applications*

HANDI-FOAM® EXTREME POLYURETHANE FOAM

Multipurpose, UL classified, one-component, polyurethane foam adhesive

HANDI-FOAM Extreme is formulated specifically for use in extreme temperatures and low humidity conditions. It is ideal for the contractor working in cold winter climates or dry desert heat.




SPECIFICATIONS

- optimum application temperature is between 65-80°F, but foam will cure in temperatures below 0°F
- tack-free in 5-10 minutes; cuttable within 1 hour; cures within 12-24 hours
- R-value of 4-5 per inch; density range of 1.2 lb./ft.³

TYPICAL APPLICATIONS

- fill and seal joints and fill in wall gaps and cavities

	Item # / Description	Theoretical Yield	Price
	#P30120 / 24 oz. Handi-Foam Extreme Gun Foam Adhesive	BEAD SIZE	\$12⁶⁶
		YIELD	
		VOLUME	
		¼" 4174' ⅜" 1856' ½" 1044' 1.50 ft. ³	

HANDI-STICK® POLYSTYRENE CONSTRUCTION FOAM ADHESIVE

Multipurpose, UL classified, one-component, polyurethane foam adhesive

HANDI-STICK Foam Adhesive is suited for many construction adhesive applications where a faster cure and shorter open time are desired. It contains no VOCs or solvents to harm polystyrene board, and may also be used as a void filler and gap sealant.




SPECIFICATIONS

- rated "open time" of 3 minutes
- tack-free in ~5 minutes; cuttable within 1 hour; cures within 12-24 hours
- R-value of 4-5 per inch; density range of 1.2 lb./ft.³

TYPICAL APPLICATIONS

- adheres to almost all building materials with the exception of surfaces such as polyethylene, Teflon®, silicone, oils and greases, mold release agents, and similar materials

	Item # / Description	Theoretical Yield	Price
	#P10132 / 24 oz. Polystyrene Gun Foam Adhesive	BEAD SIZE	\$15³⁷
		YIELD	
		VOLUME	
		¼" 3500' ⅜" 1560' ½" 880' 1.25 ft. ³	

One-Component vs. Two-Component

One-Component Foam

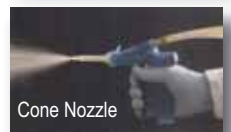
- expansion is up to 3x the dispense value
- cured with atmospheric moisture
- more efficient than standard caulks
- ideal for bead applications to seal small gaps, cracks and voids, outlets and plumbing penetrations
- thickness of more than two inches is not recommended without allowing foam to cure between layers
- can be applied with straw, gun or cylinder foam dispensing units

Two-Component Foam

- cured with a chemical reaction of isocyanate and polyol; no reliance on moisture
- able to bear significant loads immediately after cure
- designed to cure in various environments
- surface coverage for varying/irregular thicknesses
- high densities and compressive strengths
- greater flexibility of use, including large molds and voids
- offer a more uniform cell structure, giving it a more consistent density and R-value

Accessories & Parts

Item #	Description	Price
F61039	7" Steel HT500 Handi-Tool	\$56.49
F61050	7" Steel HT300 Handi-Tool	\$28.25
F65256	50' Magnum Starter Kit w/Cone Nozzles	Call
F66170	Cone Nozzle	\$2.16
F66190	Fan Nozzle	\$2.14
F66220	10" Handi-Gun Hose Assembly	\$69.22



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Unfortunately, changes in manufacturing costs may occasionally cause our published prices to change without notice. These prices are limited to stock on hand. We reserve the right to correct typographical or pricing errors. 6/12/11

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