



Dow Building Solutions

# See how FROTH-PAK™ checks out against the competition

## Low-pressure portable spray polyurethane insulation comparisons

Applications		Solutions				
		DOW FROTH-PAK™ FOAM INSULATION (NFPA 286)	CONVENIENCE TOUCH 'N SEAL	TVM MEGA FILL	TIGER FOAM (NFPA 286)	FOMO HANDI FOAM (NFPA 286)
		CODE REPORT: ESR-3228	ESR-3052	N/A	ESR-3183	ESR-2717
ROOF/WALL JUNCTURE	Maximum 2" thick and 6" high by unlimited width at the juncture	✓	No information	No information	✓	✓
ROOF PENETRATIONS	Limited to non-fire-resistive-rated roof assemblies	✓	No information	No information	✓	✓
	Maximum 2" annular space and 6" high	✓	No information	No information	✓	✓
	Maximum 2" of height exposed below roof deck	✓	No information	No information	✓	✓
CONDUIT INTERNAL SEALING	Limited to non-fire-resistive-rated roof assemblies	✓	No information	No information	✓	✓
	Maximum 2" thick and 6" high	✓	No information	No information	✓	✓
WALL/FLOOR JUNCTURE	Maximum 2" thick and 2" high by unlimited width at the juncture	✓	No information	No information	✓	No information
	Does not act as a fire-resistant joint system	✓	No information	No information	✓	No information
	Can be installed on top of a fire-resistant joint system	✓	No information	No information	✓	No information
DUCT JOINT SEALING	Maximum 2" thick and 6" wide at each joint	✓	No information	No information	✓	✓
	In attics and crawl spaces, no ignition barrier is required	✓	No information	No information	✓	✓
	Use is limited to IRC construction	✓	No information	No information	✓	✓
SILL PLATES AND HEADERS	Can be applied to sill plates and headers up to 2" maximum thickness	✓	✓	✓	✓	✓
ATTICS AND CRAWL SPACES	Must be covered with thermal or ignition barrier	✓	✓ <sup>1</sup>	✓	✓ <sup>2</sup>	✓ <sup>3</sup>

1 Or use Flame Seal TB, Touch 'N Seal Ignition Barrier, No Burn Plus XD

2 Or use Tiger Foam Ignition Barrier Intumescent Coating

3 Or use Handi Foam Ignition Barrier



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In the U.S.  
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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, 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 <http://www.epa.gov/iaq/homes/hip-ventilation.html>.

**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. Do not breathe vapor or mist. Use only with adequate ventilation. It is recommended that applicators and those working in the spray area wear respiratory protection. Increased ventilation significantly reduces the potential for isocyanate exposure; however, supplied air or an approved 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, 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.

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