



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) CODE REPORT: ESR-3228	CONVENIENCE TOUCH 'N SEAL ESR-3052	TVM MEGA FILL N/A	TIGER FOAM (NFPA 286) ESR-3183	FOMO HANDI FOAM (NFPA 286) 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	✓	✓ ¹	✓	✓ ²	✓ ³

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

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)
Sales Information
1-800-232-2436

dowbuildingsolutions.com
sprayfoamatdow.com

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

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.

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

Printed in U.S.A.

Data from September 21, 2012

Form No. 179-06102-0614CDP