

PRODUCT DESCRIPTION

EZF 2401-0.50-FS-NATURAL is a two-component polymeric MDI based polyurethane system, utilizing water as a sole blowing agent. The system is formulated primarily for packaging applications. This is our standard, general purpose, water blown packaging foam. It produces low density foam with good dimensional stability and low odor. It will protect a wide range of products for shipment. It is designed for use in our E-Z Flow dispensing system, and will also work very well in any other Foam In Place equipment. It's a very forgiving foam.

APPLICATIONS

The EZF 2401-0.50-FS-NATURAL systems have been formulated for a wide variety of applications, including packaging of electronic equipment, medical instruments, ceramics and other applications requiring shock absorption and vibration dampening. The EZF 2401-0.50-FS-NATURAL systems can also be used for void filling or making pre-molded inserts of various shapes and sizes.

STORAGE AND HANDLING

Containers for both Side-A and Side-B components should be kept tightly closed to prevent moisture contamination. Do not reseal if contamination is suspected. To extend the chemical's life, the use of a dry nitrogen blanket for partial drums is recommended. Both chemicals may be stored at ambient temperatures (50-95 degrees F). For best results, this product should not be allowed to freeze. Do not breathe aerosol or vapors and avoid contact with skin and eyes. Exposure to vapors of MDI (A-side chemical) heated in an open container can be dangerous.

HEALTH AND SAFETY

Appropriate literature is available from E-Z Flow which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on the hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. safety data sheets and product labels. To obtain this information, contact your E-Z Flow Foam Systems representative.

TYPICAL PROPERTIES SIDE-A (ISO)

Viscosity @ 77°F (25°C)	180-250 cps
Specific Gravity @ 77°F (25°C)	1.22 – 1.23
Appearance @ 77°F (25°C)	liquid

TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

Viscosity @ 77°F (25°C)	320-400 cps
Specific Gravity @ 77°F (25°C)	1.00 – 1.04
Appearance @ 77°F (25°C)	liquid

TYPICAL PHYSICAL PROPERTIES

Cream Time	8-10 seconds
Rise Time	25-35 seconds
Demold Time	5-8 minutes
Density, pcf	0.50-0.55 lbs/ft ³
Compressive Strength, Parallel	N/A psi (MPa)
Compressive Strength, Perpendicular	N/A psi (MPa)
Shear Strength	N/A psi (MPa)
Closed Cell Content	N/A %

PROCESSING CHARACTERISTICS

Ratio, by Volume A:B	50:50
Ratio, by Weight A:B	54:46

INITIAL SUGGESTED MACHINE SETTINGS

Machine	E-Z Flow Gen IV Foam-In-Place System
Air Pressure Range for 2:1 Pumps operation	95 to 110 PSI
Isocyanate (A) side Initial Temperature Setting	120 F
Polyol Resin (B) side Initial Temperature Setting	140 F

Different temperatures may be required for best results. Consult your E-Z Flow Representative for optimization. Temperatures above 140 F should be avoided on A-side.

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Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with the E-Z Flow Foam Systems materials or have undergone training in application of E-Z Flow Foam Systems materials. Published technical data and instructions are subject to change without notice. Contact your local E-Z Flow Foam Systems representative or visit our website for current technical data, instructions, and project specific recommendations.

Limited Warranty: E-Z Flow Foam Systems warrants its products to be free of manufacturing defects and that they will meet E-Z Flow Foam Systems' current published physical properties. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by E-Z Flow Foam Systems of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. E-Z Flow Foam Systems shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. E-Z Flow Foam Systems shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. E-Z Flow Foam Systems reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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