

PRODUCT DESCRIPTION

The EZF 2401-0.40-FS-NATURAL system is a two component polymeric MDI based polyurethane system, utilizing water as a sole blowing agent. The system is formulated primarily for packaging applications. It produces low density foam with good dimensional stability and low odor. The components can be easily processed through most types of polyurethane dispensing equipment. It is water blown and has good resilience and recovery. Small quantities can be hand mixed, or our E-Z Flow dispensing system can be used with very good results.

APPLICATIONS

The EZF 2401-0.40-FS-NATURAL system packaging foam is for budget conscious customers, shipping less heavy products where weight is not a factor. The EZF 2401-0.40-FS-NATURAL system is ideal for shipping glassware, electronics, and other light products. It is designed to absorb shock, such as dropping or piercing the package.

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)	200 cps
Specific Gravity @ 77°F (25°C)	1.22
Appearance @ 77°F (25°C)	Dark brown liquid

TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

Viscosity @ 77°F (25°C)	380-500 cps
Specific Gravity @ 77°F (25°C)	1.02
Appearance @ 77°F (25°C)	Clear liquid

TYPICAL PHYSICAL PROPERTIES

Cream Time	9 seconds
Rise Time	28 seconds
Demold Time	5-8 minutes
Density, pcf	0.42-0.47 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	100:100
Ratio, by Weight A:B	100:84

INITIAL SUGGESTED MACHINE SETTINGS

Machine	E-Z Flow Gen IV Foam-In-Place System
Air Pressure Range for 2:1 Pumps operation	95-110 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.

Revision 6-05-2024



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.

Disclaimer: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and E-Z Flow Foam Systems makes no claim that these tests or any other tests accurately represent all environments. E-Z Flow Foam Systems is not responsible for typographical errors. © 2019 E-Z Flow Foam Systems. All rights reserved. Revision 20240605MP

