

PRODUCT DESCRIPTION

EZF 2401-2.0-N-2 polyurethane, fire retardant, rigid foam systems are designed to meet a variety of requirements without sacrificing product quality. The unique handling characteristics of the EZF 2401-2.0 systems provide ease of mixing either by hand or with E-Z Flow dispensing equipment produce a uniform product with excellent cell structure. This product does not contain any CFC blowing agents.

APPLICATIONS

The EZF 2401-2.0 systems have been formulated for a wide variety of applications, including flotation (U.S. Coast Guard approved, meets MIL-P-21929C), insulation (good R value), structural, and void fill. This product is also fire retardant and meets MIL-F-83671 specs. As a flotation foam, it can be used for marine applications such as lifeboats, rescue boats, life floats and buoyant apparatus.

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) | 150-200 cps |
| Specific Gravity @ 77°F (25°C) | 1.24 |
| Appearance @ 77°F (25°C) | Amber liquid |

TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

| | |
|---------------------------------------|----------------------|
| Viscosity @ 77°F (25°C) | 400-800 cps |
| Specific Gravity @ 77°F (25°C) | 1.18 |
| Appearance @ 77°F (25°C) | Clear viscous liquid |

TYPICAL PHYSICAL PROPERTIES

| | |
|--------------------------------------------|-------------------------------------------------------|
| Cream Time | 28-35 seconds |
| Rise Time | 120-180 seconds |
| Demold Time | 5-20 minutes |
| Density, pcf | 2.2 lbs/ft ³ (35.2 kgs/m ³) |
| Compressive Strength, Parallel | 31 psi (0.214 MPa) |
| Compressive Strength, Perpendicular | 25 psi (0.172 MPa) |
| Shear Strength | 35 psi (0.241 MPa) |
| Closed Cell Content | 88% |

PROCESSING CHARACTERISTICS

| | |
|-----------------------------|-------|
| Ratio, by Volume A:B | 50:50 |
|-----------------------------|-------|

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 | 105 F |
| Polyol Resin (B) side Initial Temperature Setting | 115 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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