



EZF 2.0 Fast SYSTEM

PRODUCT DESCRIPTION

EZF 2.0 Fast polyurethane, fire retardant, rigid foam system is designed to meet a variety of requirements without sacrificing product quality. The unique handling characteristics of the EZF 2401-2.0 system provides 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 2.0 Fast system has been formulated for a wide variety of applications, including flotation (U.S. Coast Guard approved, meets MILP-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°F) (10-35°C). 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 (Aside 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
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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	105° F (40°C)
Polyol Resin (B) side Initial Temperature Setting	115° F (46°C)

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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