TECHNICAL DATA SHEET

EZF 4.0 Slow SYSTEM

PRODUCT DESCRIPTION

The EZF 4.0 Slow polyurethane, structural, pour foam system exhibits slow rise, very good flow, and good green strength for void filling foam applications where cosmetically superior parts are required. This product does not contain any CFC or HCFC blowing agents and reacts slow enough to do a hand pour. The Side-A and Side-B are highly compatible and exhibit a homogeneous mix.

APPLICATIONS

This EZF 4.0 Slow system is for rigorous, structural applications and can be used for wood replacement, molded frames, walk-in-cooler rails, and other parts requiring these physical properties. This system 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°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)	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)	1000-1200 cps
Specific Gravity @ 77°F (25°C)	1.06-1.08
Appearance @ 77°F (25°C)	liquid

TYPICAL PHYSICAL PROPERTIES		
Cream Time		12-15 seconds
Rise Time		165-185 seconds
Demold Time		8-12 minutes
Density, pcf		4.2-4.5 lbs/ft3 (1.9-2.0 kgs/m3)
Compressive Strength, Parallel	available upon request	psi (MPa)
Compressive Strength, Perpendicular	available upon request	psi (MPa)
Shear Strength	available upon request	psi (MPa)
Closed Cell Content	available upon request	%

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	95-110 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.

Limited Warranty and Disclaimer
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