



# DUAL-MIX RIGID URETHANE FOAM

## TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

### DESCRIPTION

**Dual-Mix Rigid Urethane Foam** is a two-component, urethane, expanding foam for filling pillars, posts and box sections.

### FEATURES

- OEM recommended
- **Dual-Mix™** Forever Warranty
- Meets UL 94HB flammability tests
- 20x volume expansion
- Restores crash parts to OEM condition
- Superior expansion
- Reinforces weak panels
- Fast cure
- Bonds to most substrates

### SUITABLE SUBSTRATES

- Plastic
- Primed or painted surfaces
- Metal

### TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
39997	Rigid Urethane Foam	Yellow	7 oz. Cartridge

**Working time:** 45 sec @ 70°F (21°C)

**Set time:** 5 min @ 70°F (21°C)

**Cure time:** 15 min @ 70°F (21°C)

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### HANDLING AND APPLICATION



#### PREPARATION:

When possible, clean plastic surfaces thoroughly with **Plastic & Leather Prep**; painted or metal surfaces with **SEM Solve** or **XXX Universal Surface Cleaner**. Apply according to directions.



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## MIXING:

Place cartridge into the **Universal Manual** or **Pneumatic Applicator**. To remove cap, insert flat head screwdriver into slot and pry upward.

**Note:** Prior to installing **Static Mixer**, equalize cartridge by dispensing product until both parts flow equally. Install **Static Mixer**. Cut tip to desired application size. Hold applicator upright until product is dispensed into mixer. Dispense a test bead to ensure proper mix. For cap replacement, match circles and square, then snap back into place.

## USE STATIC MIXERS:

Part:	Product Name:	Size:
70049	Long Static Mixers	50 Pack

## IMPORTANT:

Due to the fast reaction time of **Dual-MixRigid Urethane Foam**, remove the static mixer IMMEDIATELY after using. If left in place, the curing action will force the unused portion back into the cartridge and cause clogging. Replace cap.



## APPLICATION:

If filling a pillar or post, drill a 3/8" (1 cm) hole toward the upper portion of the pillar or post. Place tip of **Long Static Mixer** into hole and fill with appropriate amount of material.

Note: When gunned slowly, **Dual-Mix Rigid Urethane Foam** will expand quickly after exiting the static mixer; however, when gunned quickly, **Dual-Mix Rigid Urethane Foam** will expand at a slower rate allowing the maximum working time for hard to reach areas.



## STORAGE:

**Dual-Mix Rigid Urethane Foam** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Dual-Mix Rigid Urethane Foam** is 1 year when stored under normal conditions.



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## RELATED PRODUCTS:

Part:	Product Name:	Size:
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	16 oz. Aerosol
38354	Plastic & Leather Prep	Quart
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
70049	Long Static Mixers	50 Pack
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart

### Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

#### Disclaimer:

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.