



# DUAL-MIX FLEXIBLE URETHANE FOAM

## TECHNICAL DATA SHEET



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

### DESCRIPTION

Dual-Mix Flexible Urethane Foam is a two-component, black foam that duplicates OEM foams used for sound deadening.

### FEATURES

- OEM recommended
- **Dual-Mix™** Forever Warranty
- Excellent sound dampening qualities
- Stops panel flutter
- 10x volume expansion
- Does not require moisture to cure
- Will not distort panels
- Resists shrinking
- Bonds to most substrates

### SUITABLE SUBSTRATES

- Plastic
- Primed or painted surfaces
- Metal

### TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
39357	Flexible Urethane Foam	Black	7 oz. Cartridge

**Working time:** 15 seconds @ 70°F (21°C)

**Set time:** 2 minutes @ 70°F (21°C)

**Cure time:** 15 minutes @ 70°F (21°C)

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

### 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.



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

## 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:
70011	Integral Nut Square Static Mixers	6 Pack
70012	Integral Nut Square Static Mixers	50 Pack

**IMPORTANT:** Due to the fast reaction time of **Dual-Mix Flexible 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:



### ELIMINATING PANEL VIBRATIONS:

1. Remove adjacent panels to give direct access to vibrating panel.
2. Place tip of **Static Mixer** on back of vibrating panel and apply a bead of **Dual-Mix Flexible Urethane Foam**. **Dual-Mix Flexible Urethane Foam** will expand sufficiently to eliminate vibration.

Note: Must be applied to areas where expanded foam still allows for proper fit.

### REPAIRING CRACKS IN PADDED DASH PANELS:

1. Clean first with **SEM Soap** and rinse with water and blow dry. Next, clean with **Plastic & Leather Prep** or **XXX Universal Surface Cleaner**.
2. Cut away raised edges of cracks so surface is uniform. Dish out around the damaged area. Sand with P80 grit paper 2 – 3" (5 – 8 cm) around damaged area. Blow off entire area to remove dust and clean again with **Plastic & Leather Prep** or **XXX Universal Surface Cleaner**.
3. Place tip of static mixer in bottom of damaged area and apply a bead of **Dual-Mix Flexible Urethane Foam**. **Dual-Mix Flexible Urethane Foam** will expand sufficiently to fill void and allow for leveling.
4. After **Dual-Mix Flexible Urethane Foam** has cured for 1-2 minutes, use a razor blade to trim away excess material. Finish with a small rotary grinder to sand to proper level and contour. Wipe and blow off surface and tack clean with a tack cloth.
5. Apply a thin layer of **Dual-Mix Multi-Plastic Repair Material**.

**Note:** **Dual-Mix™ Flexible Urethane Foam** can be sprayed using the sprayable attachment with round aircap



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

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

## STORAGE:



**Dual-Mix Flexible 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 Flexible Urethane Foam** is 1 year when stored under normal conditions.

## 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
39847	Dual-Mix Multi-Plastic Repair Material	7 oz. Cartridge
70011	Integral Nut Static Mixers	6 Pack
70012	Integral Nut Static Mixers	50 Pack
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart



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

---

### **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.