



# 40987 10 MINUTE UNIVERSAL URETHANE TECHNICAL DATA SHEET

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## *Description*

**40987 10 MINUTE UNIVERSAL URETHANE** is a general purpose urethane adhesive that provides fast bonds for metal, aluminum, glass and most plastics including ABS, SMC, TPU, TPO and PP. **40987** is great for bonding backer panels and for use as a door window channel adhesive.

## *Features*

- Urethane technology
- Non-sagging
- High strength
- Gap filling
- Multi-purpose adhesive
- **DUAL-MIX™ Forever Warranty**

## *Typical Properties*

Containers	<b>40987</b> - 7 oz. <b>DUAL-MIX</b> cartridge
Color	Black
Working time	7-10 minutes @ 70°F (21°C)
Set time	90 minutes @ 70°F (21°C)
Cure time	24 hours @ 70°F (21°C)
VOC	0.07 #/gl

## *Handling and Application*

### **PREPARATION:**



### **Plastic:**

1. Clean surface with **3833( ) SCUFF & CLEAN** and a gray scuff pad. Rinse well with water and wipe dry.
2. Next, clean with **38353 PLASTIC/LEATHER PREP** or **38381 WORLD CLASS LOW VOC SURFACE CLEANER**.
3. Grind areas to be bonded with a 24 grit disc.
4. Blow off dust and re-clean with **38353** or **38381**.

### **Fiberglass/ SMC:**

1. Clean surface with **38353 PLASTIC/LEATHER PREP** or **38381 WORLD CLASS LOW VOC SURFACE CLEANER**.
2. Grind areas to be bonded with a 24 grit disc.
3. Blow off dust.

### **Steel and aluminum:**

1. Clean surface with **38373 SEM SOLVE** or **38381 WORLD CLASS™ LOW VOC SURFACE CLEANER**.
2. Grind areas to be bonded with a 24 grit disc
3. Blow off dust and re-clean with **38373** or **38381**.

### **Glass:**

1. Clean surface with **38373 SEM SOLVE** or isopropyl alcohol.

**NOTE:** **40987** is not suitable for use as a windshield replacement urethane.

**MIXING:**



Place cartridge into **70029 DUAL-MIX APPLICATOR GUN**. To remove cap, insert flat head screwdriver into slot and pry upward. **NOTE:** For cap replacement, match circles and square, and snap back into place. Prior to installing static mixer, equalize cartridge by dispensing product until both parts flow equally. Install static mixer. Cut tip to desired application size.

**Use Static Mixers: 70011 INTEGRAL NUT SQUARE STATIC MIXERS (6 pack) or 70012 INTEGRAL NUT SQUARE STATIC MIXERS (50 pack)**

**APPLICATION:**



General purpose bonding:

1. Clean surface as outlined in Preparation section.
2. Dry fit parts to ensure proper alignment.
3. For impact strips and side moldings, mask both sides of the surface where adhesive is to be applied. **DO NOT ALLOW 40987 TO FLOW OVER MASKED AREA OR ONTO PAINTED SURFACE.**
4. Apply **40987** to either surface.
5. Quickly bond the two surfaces. Hold or clamp together until set.

**STORAGE:**



**40987 10-MINUTE UNIVERSAL URETHANE** should be stored in a cool dry place with adequate ventilation away from heat, sparks and flames. Product should be refrigerated at 40°F (4.4°C) for maximum shelf life. The shelf life for **40987** is 1 year when stored under optimal conditions.

**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 Material Safety Data Sheet (MSDS) 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 MSDS and product label are available upon request.

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