## TECHNICAL DATA SHEET **DURAMIX 2K NVH DAMPENING MATERIAL**



## DESCRIPTION

A non-shrinking formula used to reduce noise, flutter and vibration between intrusion beams and braces to body panels.

#### TYPICAL USES

Used on doors, hoods, roofs, and deck lids to reduce flutter and vibration.

#### **FEATURES**

- Direct to metal
- Sag resistant
- Non-shrinking

- Reduces noise and vibration
- Superior flexibility
- Up to 60 minutes of working time

#### SUBSTRATES

- Bare metal
- Primed metal
- OEM e-coat
- Aluminum

#### SUBSTRATE **PREPARATION**

- 1. Surface must be clean and free of dirt, grease, oil, rust, and any other contaminants. Use Seymour Universal Surface Cleaner to clean the surface.
- 2. For optimal results and to align with OEM repair procedures, prime bare metal and aluminum with a 2K epoxy or urethane primer. Allow primer to cure according to manufacturer's recommendations before applying Duramix NVH Dampening Material.

Note: Do not use directly over an acid-etch primer or apply etch primer over Duramix NVH Dampening Material.

## **DURAMIX 2K** CARTRIDGE GUN SET-UP

- 1. Press release lever and pull plunger rods all the way back.
- 2. Place back end of the twin cartridge onto the plungers first.
- 3. Bring down the front of the cartridge and seat into the gun.
- 4. To remove cap, insert flat head of screwdriver into slot and pry upward.
- 5. Remove cap completely from cartridge.
- 6. Cap can be re-inserted to seal a partially used cartridge. To avoid cross contamination, match up the circle and square on the cap and top of the cartridge body.
- 7. Tilting the gun back, press the lever until the product flows equally from both chambers. This procedure equalizes the chambers to ensure an equal mix. Wipe the excess material from both sides before installing the static mixer. This is a very important step.
- 8. Install the static mixer on the end of the nosepiece and tighten in a clockwise direction until securely fastened.
- 9. Pump material through the static mixer. Discard the first 3 inches of product, then proceed with application.
- 10. To retain unused product, remove the static mixer and install the cap into the appropriate sides of the cartridge after use. (The static mixer may be left on the cartridge instead of reinserting the cap, except on foams.)

### **APPLICATION**

- 1. Dry fit the new skin for proper fit.
- 2. Remove the new skin for access to intrusion beams and support braces.
- 3. Apply small dollops of Duramix NVH Dampening Material to the intrusion beam or support bracket (duplicate OEM spacing).
- 4. Install the new skin within the work time.

Note: After worktime and while curing, do not apply pressure to the exterior surface or rest panel on new skin.





# **TECHNICAL DATA SHEET DURAMIX 2K NVH DAMPENING MATERIAL**

**CLEAN UP** 

Unmixed or uncured material can be cleaned from most surfaces with Seymour PBE Professional Paint Gun And Equipment Cleaner or an appropriate VOC compliant product for your area.

**STORAGE** 

Should be stored in a cool, dry location at a temperature between 50°F to 86°F (10°C to 30°C).

### **SPECIFICATIONS**

Mixing Ratio	1:1
Work Time	60 Minutes
Full Cure	24 Hours

All times stated are approximate depending on temperature, humidity and thickness of the product applied. All times are based on  $70^\circ F$  to  $75^\circ F$  at 50% relative humidity.

## **PRODUCTS**

Part Number	Part	
	Seymour Universal Surface Cleaner	Aerosol
1570	Duramix 2K Cartridge Gun (manual)	Applicator Gun
1580	Duramix 2K Pneumatic Applicator Gun	Applicator Gun
1540	Static Mixer	10pk
1450	Duramix NVH Dampening Material	Cartridge

**CAUTION** 

For professional use only.

Refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

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