

PRODUCT: ™ 10:1 Single Step Repair Technology

PART NUMBER: **100491 (Super Fast)** 825mL Cart. 4 units per case  
**100492 (Fast)** 825mL Cart. 4 units per case  
**100494 (Slow)** 825mL Cart. 4 units per case

**DESCRIPTION:** Quantum1 is specially engineered to have excellent filling properties, while eliminating the need for finishing putty. Dispensing and mixing is made easy with the 825mL cartridge. Never guess again how much catalyst is the right amount. Quantum1 utilizes patent pending 10:1 technology that is the successful integration of polyester and epoxy chemistries. As a result, Quantum1 has less shrinkage, better sandability and better repair quality than traditional body fillers and putties. Quantum1 also passes 500 hours salt spray (ASTM B117) and is compatible with HAPS-compliant and waterborne coatings.

**FEATURES & BENEFITS:**

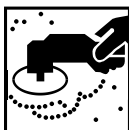
Feature/Advantages	Benefit
Eliminates finishing putty from the repair process	Save 50% on labor and 20% on material.
Easy sanding	Saves time by eliminating coarse grit sand scratches that need to be removed prior to applying primer.
Easy-to-use 825mL cartridge	Eliminates guessing how much catalyst to use for proper mix ratio saving users time.
Available in three speeds!	Saves money lost to reworking failed repairs due to over or under catalyzed filler or putty.

**APPROVED SUBSTRATES:**

- Steel
- Galvanized Steel
- Aluminum
- SMC
- Fiberglass (cosmetic repairs only)
- Sanded OEM paint

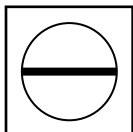
**NOTE:** For structural repairs prone to high degrees of stress and flexibility, use a fiber reinforced filler such as Everglass®, Kitty Hair® or Fiber Tech®.

**PREPARATION:**



- Clean and degrease the entire panel to be repaired with soap and water, followed by wax and grease remover or cleaning solvent. Thoroughly dry surface before repairing.
- Remove base coat with 80 grit or finer sandpaper. Small repairs may be sanded with 180 grit.
- Use 180 grit sandpaper to featheredge the paint.

### MIXING:



#### #491/492/494 Cartridge w/ Ratio Check Tip (Included with cartridge)

- Remove retaining nut and plug from cartridge. Be sure to save retaining nut.
- Insert ratio check tip and secure with retaining nut. Equalize the cartridge.
- Dispense material onto mixing board.
- Fold catalyst into material until uniform color is achieved.

**Approximate setting time is 3-4 minutes @ 72°F (22°C)**

**NOTE: Cartridge can be dispensed without the Ratio Check Tip.**

### APPLICATION:



- Apply in thin layers and spread smoothly from edge-to-edge over the entire repair area. (Do not apply all at once as this causes pinholes) To ensure best adhesion apply firm pressure with spreader when applying.

### FINISH:



- Ready to sand in approximately 7 to 24 minutes (See chart below), change in air temperature will impact dry to sand time. Sand hardened material with 180 grit sandpaper.
- DA sand and featheredge with 180 grit or finer. This will provide a smoother finish and reduce the number of coats of primer required for a quality finish.

### TECHNICAL SPECIFICATIONS:

<ul style="list-style-type: none"> <li>▪ Appearance</li> </ul>	<p>#491: White and blue colored paste #492: White and blue colored paste #494: White and red colored paste</p>
<ul style="list-style-type: none"> <li>▪ VOC</li> <li>▪ Relative Density</li> </ul>	<p>Refer to Section 9 of the Safety Data Sheet Refer to Section 9 of the Safety Data Sheet</p>
<ul style="list-style-type: none"> <li>▪ Sand Time</li> </ul>	<p>#491: 7 minutes #492: 12 minutes #494: 24 minutes</p>
<ul style="list-style-type: none"> <li>▪ Max Recommended Thickness (sanded)</li> </ul>	<p>1/4 inch (6mm)</p>

**NOTE: Properties are typical values and should not be considered as sales specifications. Physical testing performed @ ~72°F (22°C) / 75% RH unless otherwise noted.**

### SAFETY & HANDLING:

Read all directions and warnings prior to using Evercoat products. Safety Data Sheets can be found online at evercoat.com.