

U-POL Application Guide







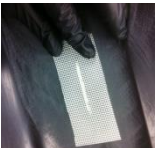



Recommended Procedure for Obtaining Consistent Results

Flexible Bumper Repair Guideline

UP7061 Flexible High Adhesion Filler is suitable for use over the following substrates:

- TPO
- EDPM / Polypropylene
- Other flexible bumper covers

Process Tools Required:		
Personal Protection Equipment	UP7061 Flexible Body Filler	UP0799 GRIP#4™ (for use on TPO)
UP2002 Water Based Degreaser	6" P80 – P600 DA Paper	Re-enforcement mesh (optional)
UP0737 ONION BOARD™	UP0731 GRAVI-GARD™ texture coating	Die Grinder - optional

<p>1. CLEAN & DEGREASE REPAIR AREA</p>  <p>Wash repair area with soap and water. Repeat on backside if making re-enforced repair. Re-clean area using UP2002 water-based degreaser; wipe dry with lint free cloth or blow off with compressed air.</p>	<p>5. FEATHER EDGE AND FINISHING</p>  <p>Sand repair area and surrounding paint with P180 – P320 on a DA sander or hand block. Blow off area. Inspect for pin holes. Note: UP7061 can be used to skim coat pin holes or move to next step if applying glaze.</p>
<p>2. PREPARE SURFACE</p>  <p>Sand repair area with a DA sander and P80 at low RPM to remove paint and prepare plastic. Dish out damaged area leaving rounded edges. UP7061 will not adhere to melted plastics, so use a low RPM. Blow off area with compressed air. Do not re-clean. Apply 1 light coat of UP0799 GRIP#4™ adhesion promoter to TPO. For reinforced back, see #3b.</p>	<p>6. APPLY GLAZE IF NEEDED, FINISH SAND</p>  <p>If pinholes are present, DOLPHIN GLAZE™ (UP0713, UP0714) or LIQUID GOLD™ (UP0669, UP0670) may be used. Mix and apply a <u>skim</u> coat only over the affected area to fill pin holes and seal the feather edge. Allow to dry 15-20 minutes before final sanding with P320 – P400 by hand or DA.</p>
<p>3a MIX AND APPLY UP7061 – Top Surface Repair</p>  <p>Mix UP7061 @ 2% hardener ratio on UP0737 Onion mixing board. Apply 1 - 2 thin coats using firm pressure to reduce pinholes. Allow to dry approx. 15-20 minutes before shaping and sanding – see #4.</p>	<p>7. PRIMING WITH U-POL® AEROSOLS</p>  <p>Apply SPOT#3 Universal Spot Primer Aerosol (UP0870) directly to the repair, no adhesion promoter required. Apply 1 – 3 coats allowing 5 min flash between coats. Allow to dry approx. 30 minutes. Sand with P400 – P600. Blow off repair area and apply color coat.</p>
<p>3b MIX AND APPLY UP7061 – Back Side Repair Patch</p>  <p>Cut reinforcement mesh approx. 1" larger than repair area and apply mesh to back of panel. Mix as in step 3a and apply 1-2 thin coats of UP7061 to mesh. Repair front side as in step 3a. View repair video at tinyurl.com/bumperrepair.</p>	<p>8. PRIMING WITH 2K PRIMER - USE GRIP#4™</p>  <p>Apply 1 – 2 light coats of UP0799 GRIP#4™ to any bare plastic area allowing 5 min. flash between coats. Allow to dry approx. 15 minutes. Apply UP2253(V) or suitable 2K primer following manufacturer instructions. If texture coat is required see step #9.</p>
<p>4. SANDING</p>  <p>Sand UP7061 initially with P80 on a DA or by hand to break surface and shape. Blow off and inspect for low spots, re-apply second coat of UP7061 if additional build is needed. Re-sand with P80 – P180 in preparation for the next step.</p>	<p>9. TEXTURE COAT - OPTIONAL</p>  <p>Apply 1-2 coats of UP0799 GRIP#4™ and allow to dry 15 minutes. Apply 1 – 3 coats of GRAVI-GARD™ UP0731 to achieve desired texture. Allow GRAVI-GARD™ to dry 2 hours before priming, applying color or clear.</p>



DRIVING SURFACE PERFECTION™

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