

**PRODUCT DESCRIPTION:**

COLOR-PRIME® Tintable Primer-Surfacer P47 is a premium quality two-component acrylic urethane primer-surfacer designed for high build and fast filling of repair areas. It is available in 27 intermixed colors to provide a similar colored ground coat. It is ideal for repairing today's "high tech" basecoat/clearcoat finishes where gloss holdout, resistance to sand scratch swelling, and adhesion are critical. COLOR-PRIME® sands easily without clogging the sandpaper and provides excellent adhesion, corrosion protection, and color holdout. COLOR-PRIME® when used with ULTRASOLV® Reducers meets U.S. National Rule Requirement of 4.8 lbs/gal (575.04 g/l) maximum ready-to-spray VOC (volatile organic compounds).

**TECHNICAL DATA:**

• Color P47 (Available in 27 intermix colors)	Translucent Gray mixing component	• Sprayable viscosity #2 Zahn	17-18 sec
• Recommended dry film thickness after sanding	2.0-6.0 mils	• Sandability	Excellent
• Volume Solids (sprayable)	38.0%	• Gloss holdout	Excellent
• Maximum VOC as applied @ 8:2:1		• Humidity resistance @ 500 hours	No effect
Total VOC	4.51 lbs/gal (540 g/l)	• Air pressure	30-40 psi
VOC Less Exempt	4.51 lbs/gal (540 g/l)	• Lead/chromate free (when using published intermix formulas)	Yes

**SURFACE PREPARATION:**

**Bare Substrates:** Properly treated Steel, Galvanized Steel\*, Aluminum, or Fiberglass

**\*Note:** With the inconsistencies of galvanized steel, consult your local Sherwin-Williams Representative for system recommendations and substrate testing.

1. Solvent clean with SC155 Low VOC Surfacer Cleaner, followed by R7K158 UltraClean™ Fast Surface Cleaner\*, and wipe dry with a clean, dry cloth.  
*\*Check local regulations regarding the use of solvent cleaners.*
2. Apply 2-3 medium coats of G.B.P.® LCF Etching Filler PE990 or one double coat of CORROSION SHIELD™ E2G973.

**Prepainted Substrates:**

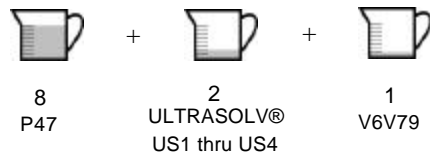
1. Wash surfaces with a mild detergent in hot water. Rinse well and wipe dry with a clean, dry cloth.
2. Solvent clean with SC155 Low VOC Surface Cleaner, followed by R7K158 UltraClean™ Fast Surface Cleaner\*, and wipe dry with a clean, dry cloth.  
*\*Check local regulations regarding the use of solvent cleaners.*
3. Sand repair area and featheredge using 80, 180, 280, and finish with 320 grit treated sandpaper (or P-grade equivalent) on a random orbital sander. Use UltraClean™ Surface Cleaner R7K158 to remove sanding residue before recoating.
4. Apply 2-3 medium coats of G.B.P.® LCF Etching Filler PE990 or CORROSION SHIELD™ E2G973 to bare metal and body filler. Treat bare aluminum with DUAL-ETCH® Metal Cleaner and Conditioner W4K263 followed by Alodine® 1201<sup>1</sup>.

(For the above products refer to the appropriate product label or data page for complete information.)

<sup>1</sup> Alodine® is a registered trademark of Henkel Corp.

## MIXING:

1. Shake then stir COLOR-PRIME® P47 thoroughly before tinting. COLOR-PRIME® P47 must be tinted before activating.
2. Choose the ULTRASOLV® Reducer that best fits shop temperature.
3. Mix by volume



**Pot life:** 1 hour at 70°F, 45 minutes at 80°F, 30 minutes at 90°F.

### P47 IS PRE-ACCELERATED - DO NOT USE AS8.

- For extra flow/leveling, use next higher ULTRASOLV® Reducer (ie, if you are using US-1, substitute US-2).
  - **Note:** Pot life is based on tinting P47 16 hours before activating. P47 is tinted and used immediately, sprayable pot life will be shortened as much as half. In hot temperatures (above 90°F), this mix will have a sprayable potlife of approximately 15 minutes.
4. **Flexible parts:** For maximum flexibility, mix by volume, 8 parts tinted COLOR-PRIME® P47 with 4 parts ULTRASOLV® Reducer, stir, then add 1 part V6V79 and 6 parts MULTI-FLEX™ Urethane Flexible Additive V6V299.  
Note: When repairing flexible bumpers, Plastic Adhesion Promoters UPO7226/UPO7227 must be used under flexibilized COLOR-PRIME®.  
**Pot life:** 1-1.5 hours.
  5. Stir thoroughly and strain before using.

## APPLICATION:

1. Adjust air pressure to:  
**30-40** psi for siphon feed gun  
**20-30** psi for gravity feed gun  
**30-40** psi for pressure feed gun with **5-10** psi pot pressure  
**5-7** psi at the cap for HVLP
2. Spray **2-3 medium coats** at a gun distance of 5"-7" with **5-10** minutes flash time between coats.  
**Note:** Recommended dry film thickness over treated bare steel after sanding is 2.0-2.5 mils minimum.  
Maximum dry film thickness is 6 mils after sanding.
3. Clean spray gun with Gun and Equipment Cleaner R7K105 or R7K106 immediately after use.
4. Refer to the following Gun and Equipment recommendations for application of COLOR-PRIME® Primer-Surfacer:

GUN TYPE	MANUFACTURER	MODEL	NOZZLE	AIR CAP	
Siphon Feed	DeVilbiss	JGA	JGA Series	EX	80
Siphon Feed	Sharpe	971/975	1.8 mm	Black	
Gravity Feed	SATA	MC	1.7 mm	*	
HVLP	DeVilbiss	GTI	1.6 mm	*	
HVLP	Sharpe	SGF PTE	1.4/1.8 mm	*	
HVLP	SATA	MCB	1.4/1.7 mm	*	

\*Use one supplied

## DRYING SCHEDULE:

At 2.0-2.5 mils, thicker films will extend dry-to-sand time

1.5 -3 hours at 70°F with ULTRASOLV® Reducers

15 minutes high setting, 24 inches distance for short wave infrared. Wet-on-Wet Application with US5 only.

## RECOATING:

1. After COLOR-PRIME® Primer-Surfacer has dried, block sand with 180 then 280 grit treated sandpaper and re-apply COLOR-PRIME® as needed.
2. Maximum recoat time after sanding: 3 days. After 3 days, solvent clean and scuff sand using a gray nylon pad.

Final Sanding

To Seal

To Topcoat

Sandpaper Grit

P400\*

P600\*

\* or equivalent

Recoat with

See Product at a Glance on following page.

## PRODUCT AT-A-GLANCE

### PRODUCT

**COLOR PRIME® ULTRA-FILL II®**  
**Acrylic Urethane Tintable Primer-Surfacer**

**P47 (P6A47)**

### USE

- Available in 27 intermixed colors using ULTRASYSTEM® colorants.
- A premium quality, lead/chromate free, two-component acrylic urethane primer-surfacer.
- High build for fast filling of repairs.
- Sands easily without clogging the sandpaper.
- Provides excellent solvent resistance, gloss, DOI and color holdout when applied as directed.

### SUITABLE SUBSTRATES

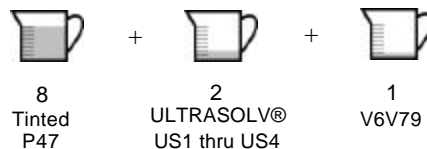
- Treated Steel
- Galvanized Steel\*
- Treated Aluminum
- \* See Surface Preparation
- Fiberglass
- Refinish enamel/urethane
- OEM finishes
- Body Filler
- G.B.P.® Etching Filler
- CORROSION SHIELD™

### SURFACE PREPARATION

- **Wash** surfaces with a mild detergent in hot water. Rinse well and wipe dry with clean cloth.
- **Solvent clean** with a Sherwin-Williams solvent cleaner, and wipe dry with a clean cloth.
- **Grind** repair area to remove paint and all rust as needed.
- **Apply** a Sherwin-Williams body filler to clean bare metal as needed.
- **Sand** all areas to be refinished and featheredge all broken film areas.
- **Treat** bare metal with an appropriate Sherwin-Williams metal conditioner or etching primer.

### MIXING

- Shake then stir COLOR-PRIME® P47 thoroughly before tinting. P47 must be tinted before activating.
- Mix by volume 8 parts of tinted P47 with 2 parts ULTRASOLV® Reducer, stir, then add 1 part V6V79 hardener.



**P47 IS PRE-ACCELERATED – DO NOT USE AS8.**

### APPLICATION

- Adjust air pressure to 25-40 psi for conventional gravity or siphon feed and 5-7 psi at the cap for HVLP. (Note: Higher pressures will speed dry and sand times.)
- Spray 2-3 medium coats at a gun distance of 5"-7" allowing each to flash to a dull finish.
- Dry times to sand: 1.5 – 3 hours at 70°F with ULTRASOLV® Reducers  
15 minutes high setting, 24 inches distance for short wave infrared.

### RECOAT

- ULTRA® Topcoats
- ACRYLYD® Topcoats
- ULTRA -FILL II® Acrylic Urethane Sealers
- 4.6 Epoxy Primer PSE4600, PSE4601
- ULTRA FILL II® "ULTRA -SHADE® S56, S57, S58
- SUNFIRE® Topcoats
- GENESIS® Topcoats
- Adhesion Promoter S61
- Transparent Adhesion Promoter S65

### NOTES

- Clean equipment immediately with Gun and Equipment Cleaner R7K105 or R7K106.
- Excessive number of coat will extend drying times.
- If topcoating directly over P47, for best results, sand with P600 grit sandpaper, sealing is not required.
- Maximum recoat time after sanding: 3 days. After 3 days, solvent clean and scuff sand using a gray nylon pad.
- On soluble substrates, use P47 on complete panels or for overall refinishing only.
- Pot life is based on tinting P47 16 hours before activating. If P47 is tinted and used immediately, pot life will be shortened as much as half. In hot temperatures (above 90°F), pot life could be as short as 15 minutes.

### PERSONAL PROTECTION

- Read all label directions before use.
- Refer to MSDS for specific information.
- Wear a NIOSH approved organic vapor respirator when mixing and applying.
- Wear a NIOSH approved dust particulate mask when sanding.
- Wear safety glasses, coveralls, and rubber gloves when using product.

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