



# PRIMARY PRIME™ Etching Primer-Surfacers

Olive Drab WP370 / Neutral Green (Chromate Free) WP375

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## PRODUCT DESCRIPTION:

PRIMARY PRIME™ Etching Primer-Surfacers is a two-component, self-etching filler designed to eliminate the metal conditioning step. PRIMARY PRIME™ etches the surface of bare metal substrates to provide excellent paint adhesion and corrosion resistance. PRIMARY PRIME™ has good filling properties, sprays smoothly, and dries fast. It is excellent for spot repairs by saving the time required for metal conditioning and reducing the risk of "bullseyes" on featheredges.

PRIMARY PRIME™ is available in Olive Drab lead free version, WP370, and in neutral green, lead and chromate free version WP375. WP375 is suited for fleet refinishing and large surface areas, having a better wet edge and flow

## TECHNICAL DATA:

• Color	WP370	Olive Drab	• Induction Time	None
	WP375	Neutral Green	• Viscosity (Sprayable)	
• Wt/gal	WP370	8.84	1 : 1	#4 Ford Cup 14-16 seconds
	WP375	9.20		#2 Zahn Cup 16-19 seconds
• Mixing ratio by volume with WP380 or WP383		1 : 1	2 : 1	#4 Ford Cup 20-23 seconds
with WP385		2 : 1		#2 Zahn Cup 23-26 seconds
• VOC as applied	WP370 at 1:1 with WP380/WP383	6.00 lbs/gal	• Salt Spray Resistance	Excellent (500 hours)
	WP375 at 1:1 with WP380/WP383	5.83 lbs/gal	• Humidity Resistance	Excellent (500 hours)
	WP370 at 2:1 with WP385	5.78 lbs/gal	• Flash Point	WP370 45°F P-M
	WP375 at 2:1 with WP385	5.53 lbs/gal		WP375 48°F P-M
• Volume Solids	1 : 1	11%		WP380 45°F P-M
	2 : 1	15%		WP383 33°F P-M
		<u>WP370</u>		WP385 33°F P-M
• Lead Free		Yes		
• Chromate Free		No		

## SURFACE PREPARATION:

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

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

1. Solvent clean with Grease and Wax Remover WS1018 or Low VOC Surface Cleaner WS1019 and wipe dry with a clean, dry cloth.

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 surfaces with Grease and Wax Remover WS1018 or Low VOC Surface Cleaner WS1019 . Wipe dry with a clean, dry cloth.
3. Grind off paint and remove all rust. Fill as needed using an appropriate body filler. Allow body filler to tack up and shape as needed. Note: Body filler must be cured before applying PRIMARY PRIME™ Etching Filler.
4. Sand repair area and featheredge using 80, 180, 280, and finish with 320 grit treated sandpaper on a random orbital sander.
5. If metal surface is badly pitted or rusted, the rust must be removed. Remove by grinding or sandblasting and treat any remaining rust with a good quality steel cleaner per label directions.

## MIXING:

1. Stir PRIMARY PRIME™ Etching Primer-Surfacers thoroughly before using.
2. Mix 1 part PRIMARY PRIME™ WP370 or WP375 with 1 part PRIMARY PRIME™ Reducer WP380 Fast or WP383 Slow or mix 2 parts PRIMARY PRIME™ WP370 or WP375 with 1 part PRIMARY PRIME™ HS Reducer WP385. Mix in plastic containers only. Do not use metal containers. **Useable pot life**
  - 7 days for WP370 with WP380
  - 1 day for:
    - WP370 with WP383 or WP385
    - WP375 with WP380, WP383 or WP385
3. In hot and/or humid conditions, PRIMARY PRIME™ may be retarded with up to 5% by volume with Retarder WR101.

4. When using WP385 reducer, for more leveling and less texture, add up to 25% of W7890. For example, 16 ounces WP370/983 : 8 ounces WP385 : up to 6 ounces W7890.  
Note: To obtain a VOC level less than 6.5 lbs/gal and be 12% solids or less by weight, mix 1 part G.B.P WP370 or WP375 to 1 part WP380/WP383 to 2 parts WT12.
5. For high productivity wet-on-wet color coating applications, use 2 part of WP375 (chromate free) to 1 part WP385.

### **APPLICATION:**

Note: Use a teflon coated or plastic gun cup. Do not store mixed PRIMARY PRIME™ Etching Filler in the gun.

1. Adjust air pressure at the gun to 30-35 psi for siphon or gravity feed application.
2. Apply 2-3 medium coats of PRIMARY PRIME™ Etching Filler to bare metal and featheredge. Allow a 2-3 minute flash time between coats. *Note: Do not apply PRIMARY PRIME™ Etching Filler over large areas of previously painted surfaces.*
3. A minimum dry film thickness of 1.0 mil is required for corrosion protection. Maximum dry film thickness is 2.5 mils after sanding. *Note: Do not wet sand WP370. WP375 (chromate free) may be wet sanded.*
4. Clean application equipment immediately with lacquer thinner.

### **RECOATING:**

1. Allow PRIMARY PRIME™ Etching Primer-Surfacer to dry a minimum of 30 minutes at 75°F, 50% relative humidity, and @ 1.0 mil dry film thickness before recoating.
2. If PRIMARY PRIME™ Etching Primer-Surfacer is allowed to dry for over 24 hours, scuff sand with 320 grit or finer treated sandpaper for optimum intercoat adhesion. Repriming is not required.
3. When using PRIMARY PRIME™ HS Reducer WP385 at 2:1 mixing ratio, dry sanding or priming is recommended due to higher levels of texture.
4. Recoat with any WESTERN Automotive Finish, Primer-Surfacer, Sealer, or additional PRIMARY PRIME™ Etching Filler if required.
5. Do not recoat PRIMARY PRIME™ Etching Primer-Surfacer with vinyl etching primers, zinc chromate primers,
6. two-component polyester-based primer-surfacers.  
**Note:** If sanding of PRIMARY PRIME™ is desired, wait a minimum of 30 minutes for WP370 and 60 minutes for WP375.

### **NOTES:**

1. Do not place activated material back into unactivated primer.
2. Store activated material in an acid-resistant container (preferably plastic).
3. Keep container of activated material tightly closed when not in use.
4. Always stir or shake previously activated material before re-use.
5. Do not use PRIMARY PRIME™ Etching Filler as a sealer on crazed/cracked surfaces or large areas of previously painted surfaces.
6. Do not wet sand WP370. WP375 (chromate free) may be wet sanded.
7. Do not apply PRIMARY PRIME™ Etching Primer-Surfacer over a conversion coating treatment.
8. When directly topcoated, PRIMARY PRIME™ Etching Filler WP370 may show a light stain due to some pigment bleeding into color coat. For best results, prime or seal before topcoating.

# PRODUCT AT-A-GLANCE

## PRODUCT

### PRIMARY PRIME® Etching Filler

Olive Drab WP370  
Neutral Green WP370

WP370 is lead free. WP375 is lead and Chromate Free

## USE

- Ideal for bare metal spot/panel repair and offers an alternative to metal conditioners.
- Self-etches bare metal for excellent paint adhesion and corrosion resistance.
- Fills minor surface imperfections.
- Sprays smoothly and can be directly topcoated for quick and easy repairs.
- Dries fast, within 30 minutes.

## SUITABLE SUBSTRATES

- Steel
- Galvanized Steel\*
- Aluminum
- Fiberglass
- Cured Body Filler
- OEM Lacquers

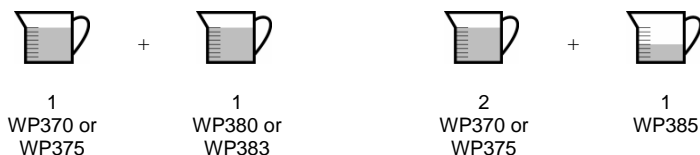
\*See Surface Preparation

## SURFACE PREPARATION

- **Wash** surfaces with a mild detergent in hot water. Rinse well and wipe dry with clean cloth.
- **Solvent** clean with a Western solvent cleaner, and wipe dry with a clean cloth.
- **Grind** repair area to remove paint and all rust as needed.
- **Apply body filler** to clean bare metal as needed.
- **Sand** all areas to be refinished and featheredge all broken paint edges.
- For **heavily pitted steel**, grind or sandblast all rust and pretreat any remaining rust with a good quality metal cleaner for steel.

## MIXING

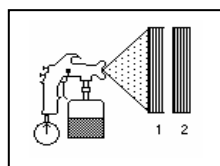
- Stir or shake PRIMARY PRIME™ Etching Filler thoroughly before mixing.



## APPLICATION

### Siphon Feed

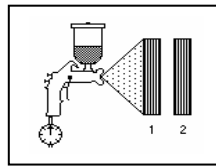
Apply 2-3 medium coats. Allow each coat to flash 2-3 minutes.



30-35 psi

### Gravity Feed

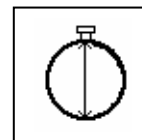
Apply 2-3 medium coats. Allow each coat to flash 2-3 minutes.



30-35 psi

### Time to Recoat

30 minutes at 75°F



Allow WP370 to dry 30 minutes, and WP375 60 minutes before sanding.

## RECOAT

- HBC Prime WP300
- W611 Primer Sealer
- W710/W711/W712 Primer Sealer
- UPS125
- UPS128
- WP67/100/150
- WP200
- WP220
- WP240
- WP250
- WP350
- WP358
- WES-THANE™ Acrylic Urethane
- WES-THANE™ 3.5 Acrylic Urethane
- HI-GLO® Enamel
- EXPRESS® Acrylic Enamel

## NOTES

- Maximum dry film thickness is 2.5 mils. Minimum dry film thickness is 1.0 mil.
- Store in an acid resistant container after activation.
- Sealing of WP370 is recommended due to some minor chromate pigment bleed under light colors.
- Use only PRIMARY PRIME™ Reducer WP380, WP383 or WP385. Don use any substitutes.
- Scuff sand with 320 grit or finer treated sandpaper after 24 hours dry. Repriming is not required.
- Do not use PRIMARY PRIME™ on crazed/cracked surfaces or large areas of previously painted surfaces.
- Do not wet sand WP370. WP375 (chromate free) may be wet sanded.
- Do not apply PRIMARY PRIME™ over a conversion coating treatment.
- When using HS Reducer WP385 at 2:1 mixing ratio, dry sanding or priming is recommended due to higher levels of texture. Wet sanding of WP375 (chromate free) is acceptable.
- Pot life: 7 days for WP370 with WP380; 1 day for WP370 with WP383 or WP385; WP375 with WP380, WP383 or WP385.

## 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, respirator and latex gloves when using product.

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