



## Etching Filler E2G985 Neutral Green (Chromate Free)

### PRODUCT DESCRIPTION:

E2G985 is a two-component, self-etching filler that etches the surface of bare metal substrates to provide excellent paint adhesion and corrosion resistance. It has good filling properties, sprays smoothly, and dries fast.

### TECHNICAL DATA:

• Weight Solids:	for California	14.8%	• Spray Viscosity, #2 Zahn	15-19
	for other places	21.9%	• Air Pressure @ Gun, HVLP Gun	6-9 psi
• Volume Solids	for California	7.6%	• Recommended Dry Film Build	0.8-1.2 mils
	for other places	11.3%	• Shelf Life	36 months
• Mixing Ratio by Volume			• VOC	6.07 lbs./gal.
California: E2G985 : R7K986 : ES15	1:1:1		• Theoretical Coverage	for California 121 sq.in/gal
Other Areas: E2G985 : R7K986	1:1			for other areas 182 sq.in/gal

### SURFACE PREPARATION:

#### Bare Substrates:

*\*Note: With the inconsistencies of galvanized steel, contact your local SHERWIN-WILLIAMS Representative for system recommendations and substrate testing.*

1. Solvent clean thoroughly with SHER-WILL-CLEAN® Solvent Cleaner R7K156, AQUA-MATE™ Low VOC Surface Cleaner W4K157, or UltraClean™ Surface Cleaner R7K158. Wipe dry with clean cloth.

#### Prepainted Substrates:

1. Wash surfaces thoroughly with mild detergent and water. Rinse well and wipe dry with clean cloth.
2. Solvent clean enamel substrates with UltraClean™ Surface Cleaner R7K158, SHER-WILL-CLEAN® Solvent Cleaner R7K156 or AQUA-MATE™ Low VOC Surface Cleaner W4K157. Solvent clean lacquer substrates with UltraClean™ Surface Cleaner R7K158 or R1K213. Wipe dry with clean cloth.
3. Grind off paint and remove all rust. Fill as needed using SHERWIN-WILLIAMS body filler. Allow body filler to tack up and shape as needed. Note: Body filler must be cured before applying G.B.P.® Etching Filler. If topcoat is to be clearcoated, use Sherwin-Williams No-Stain body 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 sanding and treat any remaining rust with MET-L-ETCH® Steel Cleaner W4-K288 per label directions.
6. Solvent clean enamel substrates with UltraClean™ Surface Cleaner R7K158, SHER-WILL-CLEAN® Solvent Cleaner R7K156 or AQUA-MATE™ Low VOC Surface Cleaner W4K157. Solvent clean lacquer substrates with UltraClean™ Surface Cleaner R7K158 or R1K213. Wipe dry with clean cloth.

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

### MIXING:

1. Stir Etch Filler thoroughly before using.
2. Mix 1 part E2G985 with 1 part Activator. Mix in plastic containers only. Do not use metal containers. **Useable pot life: 1 day**

### APPLICATION:

Note: Use a teflon coated or plastic gun cup. Do not store mixed 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 Etching Filler to bare metal and featheredge. Allow a 5-6 minute flash time between coats. Note:
3. A minimum dry film thickness of 0.8 mil is required for corrosion protection. Maximum dry film thickness is 1.2 mils.
4. Clean application equipment immediately with Gun and Equipment Cleaner R7K105.

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## GUN RECOMMENDATIONS FOR OPTIMUM PERFORMANCE:

<u>Spray Gun Type</u>	<u>Manufacturer</u>	<u>Gun Model</u>	<u>Nozzle</u>	<u>Air Cap</u>	<u>Gun Pressure</u>
HVLP Gravity Feed	Sata	MCB	1.4-1.7 mm	Use one supplied	*6-9 psi at cap
HVLP Gravity Feed	Sata	KLC	1.4-1.7 mm	Use one supplied	*6-9 psi at cap
HVLP Gravity Feed	DeVilbiss	PRI	1.4 mm	#101	*6-9 psi at cap
HVLP Gravity Feed	Sharpe	SGF98	1.4-1.8 mm	Use one supplied	*10 psi at cap
Conv. Gravity Feed	Sata	MC	1.4-1.7 mm	Use one supplied	25-45 psi
Conv. Gravity Feed	DeVilbiss	GFG	1.4-1.6 mm	Use one supplied	25-45 psi
Conv. Gravity Feed	Sharpe	SGF98	1.4-1.8 mm	#C	40 psi

### RECOATING:

1. Allow Etching Filler to dry a **minimum of 30 minutes** at 75°F, 50% relative humidity, and at **1.0 mil** dry film thickness before recoating.
2. Recoat with any SHERWIN-WILLIAMS Automotive Finish, Primer-Surfacer, Sealer, or additional Etching Filler if required.

**Note:** If sanding of Etch Filler is desired, wait a minimum of 60 minutes for E2G985.

### 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 Etching Filler as a sealer on crazed/cracked surfaces or large areas of previously painted surfaces.
6. For maximum corrosion protection, MET-L-MATE® W4K289 may be used as a pretreatment prior to spraying. W4K289 is best applied with a gray nylon scuff pad.

## PRODUCT AT GLANCE

### PRODUCT

Etching Filler

Neutral Green E2G985

Lead and Chromate Free

### USE

- Self-etches bare metal for excellent paint adhesion and corrosion resistance.
- Fills minor surface imperfections.
- Dries fast, within 30 minutes.

### SUITABLE SUBSTRATES

- Steel
- Galvanized steel\*
- Aluminum
- Cured Body Filler
- ED Primer

\* 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 an appropriate Sherwin-Williams 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 sand all rust and pretreat any remaining rust with MET-L-ETCH™ W4K288.
- **Solvent clean** with an appropriate Sherwin-Williams solvent cleaner, and wipe dry with a clean cloth.

### MIXING

- Stir or shake E2G985 Etching Filler thoroughly before mixing.



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E2G985

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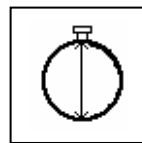
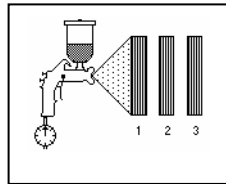


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R7K986

### APPLICATION

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

**Time to Recoat**  
30 minutes



30-35 psi

### RECOAT

- ULTRA-FILL II® Surfacer and Sealers
- AQUA-SEAL™ Waterborne Sealer
- ULTRA-FILL® HS/NP Primers
- JET SEAL® Primer-Sealer
- High Build Epoxy Primer
- SuperCOMBO® Primer-Surfacer
- AQUA-FILL® Primer-Surfacer
- AQUA II® Undercoats

### NOTES

- Maximum dry film thickness is 1.2 mils. Minimum dry film thickness is 0.8 mils.
- **Store** in an acid resistant container after activation.
- Use **only** R7K986 Reducer. Do not use any substitutes.
- Scuff sand with 320 grit or finer treated sandpaper after 24 hours dry. Repriming is not required.
- Do not use Etch Filler on crazed/cracked surfaces or large areas of previously painted surfaces.
- Pot life: 1 day

### 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.

# PRODUCT DATA

*To learn more about Sherwin-Williams Automotive products, visit our Web site at [www.sherwin-autopaint.com](http://www.sherwin-autopaint.com)*

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