

# SEM<sup>®</sup> PRO-TEX™ CHIP GUARD KIT

## TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

### DESCRIPTION

**Pro-Tex Chip Guard** is a two-component urethane textured coating for the ultimate protection of lower panels prone to chipping and corrosion.

### FEATURES

- Tintable to match OEM colors
- Paintable
- Duplicates all OEM textures
- Top coat with solvent or waterborne systems
- Best in class protection
- Excellent gloss retention
- Course, heavy texture

### SUITABLE SUBSTRATES

- Properly prepped, primed and painted surfaces
- SMC
- Fiberglass

### TYPICAL PROPERTIES

| Part:                  | Product Name:                              | Color:      | Container: |
|------------------------|--------------------------------------------|-------------|------------|
| 40820                  | Pro-Tex Chip Guard Kit                     | Opaque Gray | Quart Kit  |
| <b>Kit Contents:</b>   | One quart Pro-Tex Chip Guard               |             |            |
|                        | Two 1/2 pints Pro-Tex Chip Guard Catalyst  |             |            |
| <b>Actual VOC:</b>     | 122 g/l                                    |             |            |
| <b>Regulatory VOC:</b> | 148 g/l                                    |             |            |
| <b>Pot life:</b>       | 20 minutes @ 70°F (21°C) and 50% R.H.      |             |            |
| <b>Coverage:</b>       | 29 ft <sup>2</sup> per qt. @ 8-10 mils DFT |             |            |

Use VOC calculator to determine VOC of mixtures.

### HANDLING AND APPLICATION



#### PREPARATION:

1. Clean surface with **Scuff & Clean** and a gray scuff pad. Rinse with water and dry.
2. Clean thoroughly with **SEM Solve** or **XXX Universal Surface Cleaner** and sand with 180-220 grit sandpaper.



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If rust is present, grind or sandblast until all rust is removed.

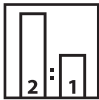
3. Blow off and clean again with **SEM Solve** or **XXX Universal Surface Cleaner**.
4. Mask off areas not to be coated to protect from overspray. Coat any bare metal areas with **Metallock™ DTM High Build Primer** or **World Class™ DTM Primer** according to instructions.



### MIXING:

### TINTING:

Mix 8 parts of **Pro-Tex Chip Guard** with 1 part of unreduced solvent based colorant and hand stir thoroughly. (Use only automotive solvent based paint without any binders or reducers – color only. Do not use water based or lacquer based colorants).



### CATALYZING:

Catalyze tinted resin with **Pro-Tex Chip Guard Catalyst**. Mix 2 parts of tinted resin to 1 part of **Pro-Tex Chip Guard Catalyst**. Hand stir thoroughly for 1-2 minutes.

**Note:** Do not catalyze more than 1 quart at a time. Pot life is 20 minutes at 70°F (21°C). High heat and humidity may significantly reduce pot life.

**Note:** **Pro-Tex Extender** is available to extend the pot life. This will help applicators achieve increased working times in high heat or humidity. Add 1 oz. of **Pro-Tex Extender** per sprayable quart of **Pro-Tex Chip Guard**. At 85°F (29°C) and 50% relative humidity, this addition will result in a pot life of approximately 45 minutes.



### APPLICATION:

Pour contents into desired spray equipment.

### OEM TEXTURES:

- Spray gun equipped with 2.2 mm tip  
Clean the applicator gun between coats.

### HEAVY TEXTURES:

- Schutz gun  
Clean the applicator gun between coats.

|                                                  |               |
|--------------------------------------------------|---------------|
| <b>Air Pressure:</b>                             | 45-90 psi.    |
| <b>Coats:</b>                                    | 2             |
| <b>Flash Time (between coats):</b>               | 10-20 minutes |
| <b>Top Coat Time (with solvent based paint):</b> | 30 minutes    |
| <b>Top Coat Time (with water based paint):</b>   | 2 hours       |
| <b>Dust Free Time:</b>                           | 60-90 minutes |



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## IMPORTANT:

Remove all masking tape while the final coating is still wet. Allow to dry 8 hours prior to delivery.

**Note:** Spray a test panel to verify desired color before use. Adjust color as necessary.



## CLEANUP:

Use appropriate cleaning materials compliant with VOC regulations in your area.



## STORAGE:

**Pro-Tex Chip Guard Kit** should be stored between 60-80°F (16-27°C). The shelf life for **Pro-Tex Chip Guard Kit** is 5 years when stored under normal conditions.

## RELATED PRODUCTS:

| Part: | Product Name:                      | Size:          |
|-------|------------------------------------|----------------|
| 38371 | SEM Solve                          | Gallon         |
| 38373 | SEM Solve                          | 20 oz. Aerosol |
| 38374 | SEM Solve                          | Quart          |
| 38375 | SEM Solve                          | 5 Gallon       |
| 38391 | Scuff & Clean                      | Gallon         |
| 38398 | Scuff & Clean                      | 16 oz. Tube    |
| 40688 | Pro-Tex Extender                   | Pint           |
| 50121 | World Class DTM Primer             | Gallon         |
| 50124 | World Class DTM Primer             | Quart          |
| 50134 | World Class DTM Primer Activator   | Quart          |
| 50136 | World Class DTM Primer Activator   | Half Pint      |
| 77771 | XXX Universal Surface Cleaner      | Gallon         |
| 77774 | XXX Universal Surface Cleaner      | Quart          |
| ML010 | Metalock DTM High Build Primer Kit | Kit            |
| ML014 | Metalock DTM High Build Primer     | Quart          |
| MLH16 | Metalock Hardener                  | Half Pint      |



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### **Technical Consultation Service**

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.