



OEM REFINISHING SYSTEM

FOR SUPPORT PARTS, CUT-INS & JAMBS

FEATURING

SYSTEM OVERVIEW

TIME COMPARISON CHART

INNER PANEL REFINISHING SOP

PRODUCT INFORMATION

FACTORY PACK™ COLOR SWATCHES & CROSSOVER LIST

OEM REFINISHING SYSTEM (ORS)

FOR SUPPORT PARTS, CUT-INS & JAMBS

This comprehensive system utilizes aerosol technology to eliminate mixing paint, waiting on a painter, tying up the paint booth, and cleaning spray guns. SEM's ORS enables technicians to refinish these jobs directly on the shop floor, reducing cycle time to increase throughput.

Use **Ez Coat™** to match OEM e-coat, **Factory Pack™** to match OEM basecoats, and **1K HS Clear** or **1K HS Semi-Gloss Clear** to finish the job.

DECREASE CYCLE TIME INCREASE THROUGHPUT

REDUCE LABOR UP TO **85%**

ⓘ Adequate flash is achieved as you finish larger parts. Smaller items will require longer flash times between coats and products.

TIME COMPARISON FOR FINISHING A NEW RADIATOR SUPPORT

OEM REFINISHING SYSTEM

| Process | Minutes |
|-------------------------------------|---------|
| Move Car to Booth | 0 |
| Prep | 6 |
| Wait on Painter | 0 |
| Mix All Primer & Paint | 0 |
| Apply Ez Coat | 3 |
| ⓘ Flash Time | 0 |
| Clean Gun | 0 |
| Apply Factory Pack | 6 |
| ⓘ Flash Time | 0 |
| Clean Gun | 0 |
| Apply 1K HS Clear (optional) | 3 |
| ⓘ Flash Time | 0 |
| Clean Gun | 0 |
| Move Car Back to Shop | 0 |



18 MINUTES

TRADITIONAL METHOD

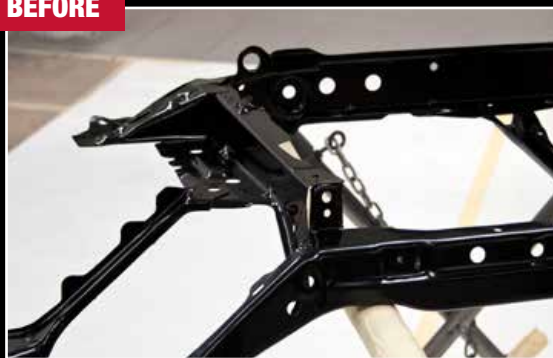
| Process | Minutes |
|------------------------|---------|
| Move Car to Booth | 10 |
| Prep | 6 |
| Wait on Painter | 0 – ? |
| Mix All Primer & Paint | 10 |
| Apply Primer/Sealer | 3 |
| Flash Time | 30 |
| Clean Gun | 2 |
| Apply Basecoat Color | 6 |
| Flash Time | 30 |
| Clean Gun | 2 |
| Apply Clear (optional) | 3 |
| Flash Time | 15 |
| Clean Gun | 2 |
| Move Car Back to Shop | 10 |

129 MINUTES

INNER PANEL REFINISHING SOP

CHECK LOCAL VOC REGULATIONS
TO ENSURE COMPLIANCE IN YOUR AREA

BEFORE



AFTER



SEEING IS BELIEVING



Check out our video
to see our system
work in real time.



semproducts.com/ors

1



CLEAN

Clean surface with **SEM Solve** or **Zero VOC Surface Cleaner**.

2



SAND

Sand with 320 grit sandpaper or scuff with a gray scuff pad.

3



RE-CLEAN

Re-clean surface with **SEM Solve** or **Zero VOC Surface Cleaner**.

Use a clean tack rag to remove any dust or contaminants from the surface.

4



APPLY EZ COAT™

Shake aerosol for a minimum of 1 minute.

Apply 2 – 3 medium wet coats allowing 5 – 10 minutes flash time between coats.

If using **Factory Pack** to topcoat, apply immediately after **Ez Coat** flashes. If using any other refinishing product, allow **Ez Coat** 30 minutes to dry.

Because of its size, a radiator support will flash as you are finishing the part. For smaller parts, be sure to allow adequate flash time.

5



APPLY FACTORY PACK™

Use a clean tack rag to remove any dust.

Shake aerosol for a minimum of 1 minute.

Apply 2 – 3 medium coats of **Factory Pack** or until hiding is achieved. Allow 2 – 4 minutes flash time between coats.

If using **1K HS Clear**, or **1K HS Semi-Gloss Clear** apply immediately after **Factory Pack** flashes.

6



APPLY 1K HS CLEAR OR 1K HS SEMI-GLOSS CLEAR

Use a clean tack rag to remove any dust.

Shake aerosol for a minimum of 1 minute.

Apply 2 full coats or 3 medium coats allowing 3 – 5 minutes flash time between coats.

Allow 1 hour dry time after final coat before handling.

SEM Solve

SEM Solve effectively removes adhesive residue, wax, grease, road tar, oil, silicone, paint overspray and bug remnants.

| Part | Size |
|-------|----------------|
| 38371 | Gallon |
| 38373 | 20 oz. Aerosol |
| 38374 | Quart |
| 38375 | 5 Gallon |



Zero VOC Surface Cleaner

Zero VOC Surface Cleaner is a water based cleaner designed to eliminate surface contaminants prior to refinishing.

| Part | Size |
|-------|--------|
| 40401 | Gallon |
| 40404 | Quart |



Ez Coat™


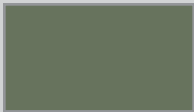

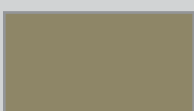
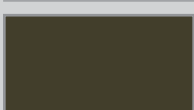

Ez Coat is a direct-to-metal coating designed to match the color and gloss of factory primer and e-coat colors. It is a quick and easy way to touch up the engine compartments, support rails and trunk areas.

- Direct-to-metal & aluminum
- Excellent color & gloss match
- Quick curing and hiding
- Can be topcoated with basecoats & seam sealers

| Part |
|---------------|
| 62213 - 62273 |

| Size |
|----------------|
| 16 oz. Aerosol |



| | |
|---|-----------------------------|
|  | 62213 Black |
|  | 62223 Olive Green |
|  | 62233 Light Green |
|  | 62243 Gray |
|  | 62253 Tan |
|  | 62263 Olive Brown |
|  | 62273 White |

Factory Pack™

Factory Pack is an automotive grade urethane basecoat packaged in a convenient aerosol can. The can features a unique valve and tip combination to provide a professional spray pattern for spray gun-like results. **Factory Pack** colors have been matched to OEM standards and can be used for jamb, cut-ins, small accessories, touch ups or anywhere mixed basecoat would be applied. **Factory Pack** colors should be clearcoated for maximum performance.

- Labor savings on many repairs
- Increase in booth activity
- Material savings and no waste
- No mixing paint or cleaning guns
- Shop floor compliant (NESHAP)
- Aerosol convenience

| Part | Size |
|---------------|----------------|
| 19013 - 19483 | 16 oz. Aerosol |

Available in 40 OEM matched colors and 178 crossovers covering 17 car manufacturers. See next page for color information.



1K HS Clears

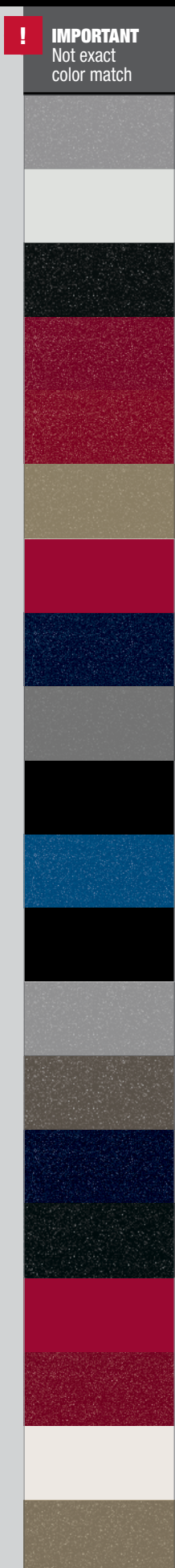
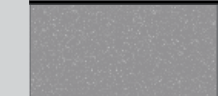
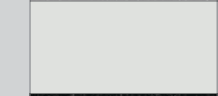

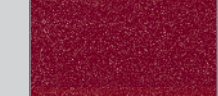
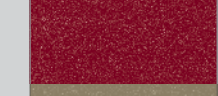







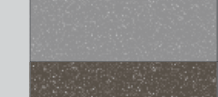
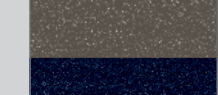






1K HS Clear and **1K HS Semi-Gloss Clear** are quick alternatives to mixing typical automotive clearcoats. They are perfect for small accessories, door jamb and when cutting in new parts. The combination of spray tip and formulation delivers professional results which lay down flat and dry quickly.

- Improves efficiency
- Professional results
- Perfect for jamb and cut-ins


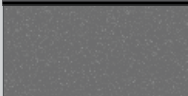
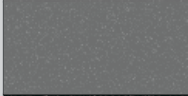












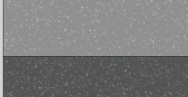

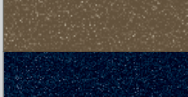


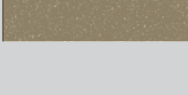
| Part | Product |
|-------|------------------------|
| 40903 | 1K HS Clear |
| 40913 | 1K HS Semi-Gloss Clear |

| Size |
|----------------|
| 20 oz. Aerosol |

FACTORY PACK™ Color Swatches & Crossover List

|  IMPORTANT Not exact color match | Part | Ford | GM | Acura Honda | Scion Lexus Toyota | BMW | Chrysler Mitsubishi Fiat | Kia | Mazda | Nissan Infiniti | Hyundai | Mercedes |
|---|-------|----------|--------|----------------|--------------------------|-----|--------------------------------|----------|-------------------|--------------------|------------------|-------------------|
|  | 19013 | TS | WA926L | | | A14 | P52 | | 38H | | | |
|  | 19023 | YZ | | | | | | | | | | 048 |
|  | 19033 | CX UJ | | NH 797M | | | PDM KAJ | IM 9T | 32S 38E 40L | KAD | P3G DS | 044 756 787 |
|  | 19043 | G2 | | | | | | | 32V 41G | AY4 | TR4 | 548 |
|  | 19053 | FL | | | | | PRP | | | NAH | TR3 | 541 |
|  | 19063 | G3 | | | 4U7 | | KFS FKG | OK | | HAB | TLB ZT | 794 |
|  | 19073 | E4 | | | IE7 3P0 | | PR4 | | | | JA | 589 |
|  | 19083 | DX | | | | | KBP | | 35J | RAA | | |
|  | 19093 | YN UI | | | | | | | 38H | | SM | |
|  | 19103 | UA | | | | | PX8 | | UA | KH3 | NKA | 040 |
|  | 19133 | | | B537M | | | | | | | | |
|  | 19143 | | | B92P | | | | | | | | |
|  | 19163 | TN | | NH700M | 1F2 | | | | | | NCA 2R N3S | |
|  | 19173 | | | YR538M | 4T1 | A84 | | | | HAA | | |
|  | 19183 | LG | | B536P | 856 | | | | G9 | | S7U | |
|  | 19193 | | | NH737M | | | | | | | | |
|  | 19203 | | WA7475 | R81 | | | | | | A20 | | 057 590 |
|  | 19213 | | | R525P | | | | | | | | |
|  | 19223 | | | NH578 | | | PW7 W37 | 1D | | | | |
|  | 19233 | | | YR537M | | 481 | | | | | | 795 |

FACTORY PACK™ Color Swatches & Crossover List

|  IMPORTANT Not exact color match | Part | Ford | GM | Acura Honda | Scion Lexus Toyota | BMW | Chrysler Mitsubishi Fiat | Kia | Mazda | Nissan Infinity | Hyundai | Mercedes |
|--|-------|------|------------------|----------------|--------------------------|-----|--------------------------------|-----|-----------|--------------------|------------------|------------|
|  | 19253 | | | | 1C0 | | | STM | | | | |
|  | 19263 | | WA726S WA636R | | 1C8 1J4 1F7 | 354 | PS2 | | | | X2 | 058 761 |
|  | 19273 | | | | 1E3 | | | | 37D | | | 775 |
|  | 19283 | WT | | | 040 | | | UD | | QM1 | WAB | 149 |
|  | 19293 | | | | 202 212 | 668 | | | | G41 | | |
|  | 19303 | | | | 1D4 | 354 | | 3D | | | 3D | |
|  | 19313 | LA | | | 4Q2 | | | MBA | | | | |
|  | 19323 | | | | 056 058 | | | | A2N HP | | | |
|  | 19353 | | | | 3R3 | | | | | | | |
|  | 19363 | | | | 1G3 | | | ABT | | KBC | NMA YDG | 759 |
|  | 19373 | | WA8554 | | | | PW3 | | | | 3M | 650 |
|  | 19393 | | WA9260 | | | A61 | | | | A20 | | |
|  | 19403 | | WA8624 | | | 300 | W12 | | | | NW | |
|  | 19423 | | WA8555 | NH 731P | | | PXR X13 | | | | AF | |
|  | 19433 | TY | WA994L WA246L | | | | U04 | S6 | | KAY K12 | NY SLS | |
|  | 19443 | UX | WA519F | | 1G1 1J2 1J4 | | PD3 744 | 6C | | KY0 K23 | WEA 3D P25 | 744 |
|  | 19453 | | WA929L | | 4T8 | | | | | | | |
|  | 19463 | | WA722J | | | A35 | | | | | | |
|  | 19473 | | WA382E | | | A53 | | | | | | |
|  | 19483 | | WA316N | | | | PWL | J9 | | | | |



XXX Gun Cleaner

XXX Gun Cleaner is a heavy-duty cleaning solvent and paint gun cleaner. It's strong enough to remove grease, adhesive, paint overspray and to clean spray equipment.

KEEP YOUR
AEROSOLS
SPRAYING
LIKE NEW

LEARN HOW

semproducts.com/clean-tips



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The Right Choice