



REFINISHING AUTOMOTIVE INTERIOR AND EXTERIOR FLEXIBLE AND RIGID SUBSTRATES

SEM is devoted to helping technicians solve their day-to-day problems by providing innovative and superior professional repair and refinish products that are easy to use. **SEM** has developed three families of products with superior resins that provide greater adhesion and long lasting, durable finishes on multiple substrates.

COLOR COAT, **SURE-COAT™** and **CLASSIC COAT™** are elastomeric and ready-to-spray. These products are high-hiding, flexible coatings that do not get brittle with age. They do not soften or crack within normal temperature ranges and can be applied to a variety of surfaces.



COLOR COAT is the industry standard for **PLASTIC**, **VINYL**, **CARPET** and **VELOUR** restoration. It is fade resistant, flexible and provides a permanent coating while maintaining the texture of the surface to be coated. **COLOR COAT** aerosols are available in over 50 colors including OEM automotive, bus and marine colors.

SURE-COAT offers excellent flexibility and outstanding adhesion for a variety of interior and exterior automotive, marine and commercial applications. It dries quickly and may be brushed or sprayed to change or enhance the current color while maintaining the texture and look of **LEATHER**, **VINYL** and **PLASTIC**.



CLASSIC COAT aerosols use advanced technology to provide superior adhesion and flexibility when changing or restoring the color of most **LEATHER** and **VINYL**. **CLASSIC COAT** is a fade resistant coating that won't chip or peel and is available in many of today's most popular OEM colors.

REFINISHING FLEXIBLE AND RIGID PLASTIC

SEM PREP MATERIALS

ADDITIONAL PREP ITEMS

SEM REFINISHING SYSTEM



39362
SEM SOAP



Gray scuff pads



COLOR COAT
or
SURE-COAT™



3835()
PLASTIC/LEATHER PREP
or
38464
WORLD CLASS™
VINYL/PLASTIC PREP



Lint free towels



3836()
SAND FREE
or
3986()
PLASTIC ADHESION
PROMOTER



- 1 Clean first with **39362 SEM SOAP** and a gray scuff pad. Scrub thoroughly, paying close attention to textured or recessed areas. Rinse with water and dry. If contamination still exists after cleaning, water will bead on the surface. Repeat until beading no longer occurs.



- 2 Clean with **3835() PLASTIC/LEATHER PREP** using a clean lint free towel and wiping in one direction. Or, apply **38464 WORLD CLASS VINYL/PLASTIC PREP** and scrub with a clean gray scuff pad. Rinse **38464** with water and dry.

CAUTION: Do not allow **38464** to splash or stand on painted surface as discoloring may occur.



TECH TIP

Wiping in one direction will remove contaminants from the surface, rather than smearing contaminants around.

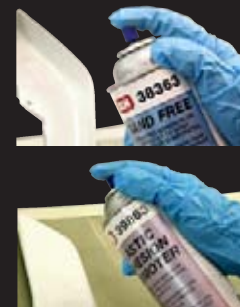
- 3 To promote adhesion on **ABS, PVC** and other similar plastics, apply a medium wet coat of **3836() SAND FREE**. While still wet, apply a light coat of **COLOR COAT**. Avoid applying the first coat of **COLOR COAT** too heavily as sagging may occur. As the **3836()** evaporates, the **COLOR COAT** is drawn into the surface resulting in excellent adhesion. **NOTE: SURE-COAT** is a waterborne coating and is not compatible with **3836()**. **DO NOT USE SURE-COAT AND 3836() ON THE SAME SUBSTRATE.**

- 4 To promote adhesion on **TPO, EPDM, PP** and other similar thermoplastics, use **3986() PLASTIC ADHESION PROMOTER**. Apply one light coat, let flash for 5 minutes, and then apply one full wet coat. Allow this coat to flash 10-15 minutes, but no longer than 30 minutes before topcoating. **3986()** works well on most flexible or rigid plastics as well as on painted surfaces.

- 5 Apply **COLOR COAT** (see page 6) or **SURE-COAT** (see page 7).

TECH TIP

If the type of plastic is unknown, place a drop of lacquer thinner on the back of the plastic and rub it with your finger. If the plastic smears and melts, use **3836() SAND FREE** for your adhesion promoter. If lacquer thinner does not have an effect on the plastic, use **3986() PLASTIC ADHESION PROMOTER**.



REFINISHING VINYL

SEM PREP MATERIALS



39362
SEM SOAP



3834()
VINYL PREP
or
38464
WORLD CLASS™
VINYL/
PLASTIC PREP



ADDITIONAL PREP ITEMS



Gray scuff pads



Lint free towels



Nylon bristle brush
(if refinishing vinyl convertible top)

SEM REFINISHING SYSTEM



COLOR COAT, SURE-COAT™



or CLASSIC-COAT™

1 Clean first with **39362 SEM SOAP** and a gray scuff pad or a nylon bristle brush for vinyl convertible tops. Scrub thoroughly, paying close attention to textured or recessed areas. Rinse with water and dry. If contamination still exists after cleaning, water will bead on the surface. Repeat until beading no longer occurs.



2 Clean with **3834() VINYL PREP** using a clean lint free towel and wiping in one direction. Or, apply **38464 WORLD CLASS VINYL/PLASTIC PREP** and scrub with a clean gray scuff pad. Rinse **3834()** or **38464** with water and dry.

CAUTION: Do not allow **3834()** or **38464** to splash or stand on painted surface as discoloring may occur.



TECH TIP

Wiping in one direction will remove contaminants from the surface, rather than smearing contaminants around.

3 Apply **COLOR COAT** (see page 6), **SURE-COAT** (see page 7) or **CLASSIC COAT** (see page 8).

NOTE: Additional flexibility is required when refinishing vinyl convertible tops with **COLOR COAT**. Mix 1 part of **39728 SUPER SEM FLEX** to 10 parts of **COLOR COAT**. Do not exceed mixing ratios. Too much **39728** will create a tacky surface that will not dry properly.



NOTE: When coating vinyl with **COLOR COAT**, plasticizer migration may occasionally occur. When vinyl manufacturers use a high amount of plasticizers, they may bleed and leave a tacky feeling on the coated surface. **13001, 13004, 13006 HIGH GLOSS CLEAR, 13011, 13014, 13016 SATIN GLOSS CLEAR** or **39644 TAC FREE** eliminates this problem.



39644 TAC FREE can be used as a high gloss topcoat with **COLOR COAT** when an exceptionally tough finish is desired. **39644** is impervious to alcohol and gives great protection when refinishing equipment in hospitals, medical offices and other demanding environments.

REFINISHING LEATHER

SEM PREP MATERIALS



39362
SEM SOAP



3835()
PLASTIC/LEATHER PREP



Gray scuff pads



400-600 Grit sandpaper



Lint free towels

SEM REFINISHING SYSTEM



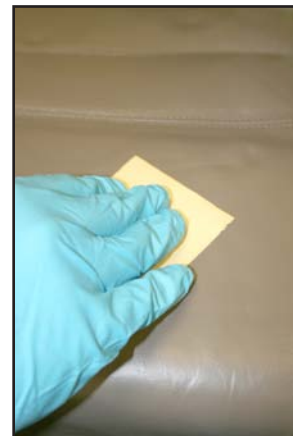
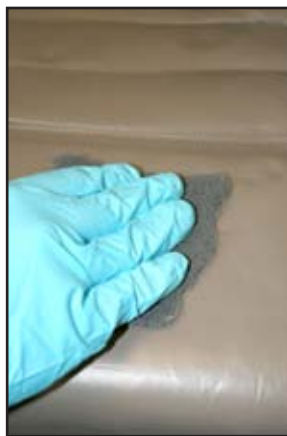
SURE-COAT™
or
CLASSIC-COAT™



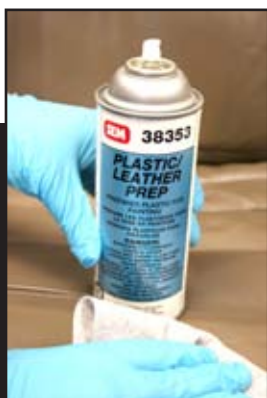
- 1** Clean first with **39362 SEM SOAP** and a gray scuff pad. Scrub thoroughly, paying close attention to textured or recessed areas. Wipe **39362** with a clean damp towel to remove all residue. If contamination still exists after cleaning, water will bead on the surface. Repeat until beading not longer occurs.



- 3** Scuff the leather with a clean gray scuff pad or 400-600 grit sandpaper. Blow off dust and clean again with **3835()**.



- 2** Clean with **3835() PLASTIC/LEATHER PREP** using a clean lint free towel and wiping in one direction.



TECH TIP

Wiping in one direction will remove contaminants from the surface, rather than smearing contaminants around.

- 4** Apply **SURE-COAT** (see page 7) or **CLASSIC COAT** (see page 8).

ENHANCING CARPET AND VELOUR

SEM PREP MATERIALS



3835()
PLASTIC/LEATHER PREP

ADDITIONAL PREP ITEMS



Nylon bristle brush



Upholstery shampoo
or
Carpet shampoo

SEM REFINISHING SYSTEM



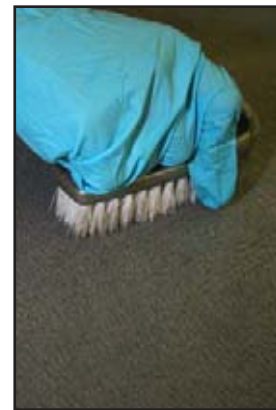
COLOR COAT

NOTE: COLOR COAT is recommended only to enhance the color of carpet and velour, not to drastically change its color. Trying to do so may adversely affect the texture of the carpet or velour. COLOR COAT is not suitable for long nap, shag carpets.

- 1** Clean velour with a good quality upholstery shampoo. Clean carpet with a good quality carpet shampoo. Allow to dry.



- 3** Apply 2 light coats of **COLOR COAT** (see page 6) allowing 3-5 minutes flash time between coats. Immediately after each coat, brush in all directions with a nylon brush to keep the fibers separated.



- 2** Next, clean with **3835() PLASTIC/LEATHER PREP**. Scrub lightly with a nylon bristle brush to remove oil, grease and contaminants. Allow surface to dry and then vacuum.

CAUTION: Make certain surface is dry before applying **COLOR COAT**.



- 4** Allow last coat to dry 5-10 minutes. Brush surface again in all directions to make certain fibers are separated, then vacuum.

COLOR COAT APPLICATION



27969 COLOR COAT
GALLON MIXING SYSTEM

27979 COLOR COAT CONE TOP
QUART MIXING SYSTEM

27989 COLOR COAT
QUART MIXING SYSTEM

15749 30 CAN COLOR COAT
ASSORTMENT

PAINT GUN METHOD

- 1 Use 20-25 psi from non-HVLP equipment or 8-10 psi at the cap for HVLP equipment.
- 2 Apply one medium wet coat followed by one full wet coat. Allow 5-10 minutes flash time between coats.



For additional versatility when matching low gloss OEM colors, **13038 COLOR COAT FLATTENER** is available. **13038** may be used with all **COLOR COAT** intermix formulas.



AEROSOL METHOD

- 1 Shake well.
- 2 Hold can 6-8" from the surface.
- 3 Apply light mist coats, allowing 5-10 minutes flash time between coats.



Note: Even though film is dry to the touch, the substrate should not be subjected to heavy abuse or abrasion for 24 hours.

Should a different sheen be desired, **COLOR COAT** offers three companion clears. These include **1300() HIGH GLOSS CLEAR** for the "wet look," **1301() SATIN GLOSS CLEAR** for "medium sheen" and **1302() LOW LUSTER CLEAR** for interior instrument panels. Two coats is generally sufficient. **1302() is not recommended for exterior exposure.**

SURE-COAT™ APPLICATION



**16739 SURE-COAT
1/2 GALLON MIXING SYSTEM**

**16749 SURE-COAT
PINT MIXING SYSTEM**

1 SURE-COAT is ready to use. Hand stir or shake well to make sure color is consistent. SURE-COAT may appear foamy; however, bubbles will dissipate during application.



Flush spray equipment with warm water until clean. Follow with **77743 XXX CLEANING SOLVENT** or acetone until all water has been removed.

2 **16004 SURE-COAT CROSS LINKER** may be added (5g/pint) to increase the durability of SURE-COAT to the effects of most chemicals.



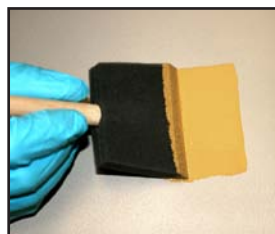
SURE-COAT can be recoated within 24 hours without additional surface preparation. Blow off dirt or lint and recoat.

3 While SURE-COAT is ready to spray, **16754 SURE-COAT REDUCER** is available for additional versatility.



Even though film is dry to the touch, the substrate should not be subjected to heavy abuse or abrasion for 24 hours.

4 When brushing SURE-COAT, use **05500 POLY-BRUSH**. Apply one light coat followed by two medium wet coats. Allow 5-10 minutes flash time between coats. Apply sufficient coats to achieve hiding. **NOTE: Allow SURE-COAT to dry sufficiently between coats to avoid brush marks.**



Should a different sheen be desired, SURE-COAT offers three companion clears. These include **1670() HIGH GLOSS CLEAR** for the "wet look," **1671() SATIN GLOSS CLEAR** for "medium sheen" and **1672() LOW LUSTER CLEAR** for interior instrument panels. Two coats is generally sufficient.

5 When spraying SURE-COAT, always flush gun with **77743 XXX CLEANING SOLVENT** or acetone followed by water prior to application.



NOTE: Dry time is dependent on relative humidity and air circulation. Allow 10 minutes before baking. Curing can be accelerated with a fan or an infrared curing system placed 3-4 feet from the surface. **CAUTION:** Do not exceed 140°F (60°C) or bake for longer than 30 minutes.

6 Hold gun 6-8" from the surface. Use 25-30 psi from non-HVLP equipment or 8-10 psi at the cap for HVLP equipment. Apply one light coat followed by two medium wet coats. Allow 5-10 minutes flash time between coats.



CLASSIC COAT™ APPLICATION



35 factory-matched OEM colors from Ford, GM, Daimler Chrysler, Honda, Toyota, Acura & BMW

1 Shake well.

2 Hold can 6-8" from the surface.

3 Apply light mist coats allowing 5-10 minutes flash time between coats.



Spray tip may be adjusted for either a vertical or horizontal fan spray pattern.



Note: Even though film is dry to the touch, the substrate should not be subjected to heavy abuse or abrasion for 24 hours.



17002 CLASSIC RACK

SEM SUPPORT

For technical information, application questions, assistance placing an order or help finding our products

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