



# PRO-TEX™ TRUCKBED LINER

## TECHNICAL DATA SHEET



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

### DESCRIPTION

**Pro-Tex Truckbed Liner** is a professional, two component, urethane liner system that provides a hard, durable finish and superior protection to truckbeds and equipment.

### FEATURES

- Lifetime warranty
- Tough, durable, non-corrosive coating
- Tintable version to match OEM colors
- Outstanding chemical resistance
- Bonds to most surfaces
- Resists fading
- Excellent sound dampening
- No maintenance

### SUITABLE SUBSTRATES

- Steel
- Aluminum
- Concrete
- Wood
- Fiberglass
- SMC
- Existing OEM Paint

### TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40640	Pro-Tex Black Truckbed Liner Kit	Black	Kit
40660	Pro-Tex Tintable Truckbed Liner Kit	Opaque Gray	Kit

<b>Containers:</b>	6-quart kit and 5-gallon pail
<b>Kit Contains:</b>	40640 / 40660 – one gallon Pro-Tex, two quarts Catalyst, two plastic Schutz bottles and two paint mixing pails
<b>Solvent Resistance:</b>	No color transfer with 100+ double rubs (ASTM D 5402)
<b>RTS VOC :</b>	1.54 #/gal (185 g/l)
<b>Pot Life @ 70°F (21°C) and 50% R.H.</b>	20 minutes
<b>Coverage:</b>	125 ft <sup>2</sup> per gallon



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<b>Optimum Film Thickness:</b>	15 – 20 mils
<b>Dust Free Time:</b>	60 – 90 minutes
<b>Heat Cure Recommendations:</b>	45 minute flash, 1 hour at 120°F (49°C)
<b>Delivery Time:</b>	8 hours (air dry), allow 48 hours before use of truckbed

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Use a VOC calculator to determine VOC of mixtures.

Be sure to check out the **Pro-Tex™** “How To” video at [semproducts.com](http://semproducts.com)

## HANDLING AND APPLICATION



### PREPARATION:

#### BARE METAL, ALUMINUM AND EXISTING OEM PAINT

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1. Pressure wash the surface.
2. Clean with SEM Solve or **XXX Universal Surface Cleaner**.
3. Sand the surface with P180 – 220 grit paper or use a bed brush as directed per manufacturer’s instructions. If rust is present, grind or sandblast until all rust is removed.
4. Apply a two component epoxy primer, such as **World Class™ DTM Primer** or **Metalock™ DTM High Build Primer**, or apply a two component direct-to-metal urethane primer over any bare metal following the manufacturer’s instructions. Do not use an etch primer.
5. Sand the primer with P180 – 220 grit paper. Blow off dust and tack clean.

#### FIBERGLASS AND SMC

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Clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

Note: Surface must be completely dry, avoid saturating panel with cleaner. Sand the surface with P180 – 220 grit paper, blow off dust and tack clean.

#### WOOD

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1. Pressure wash surface first and allow to fully dry.
2. Sand the surface with P80 grit paper, blow off the dust and tack clean.

Note: Treated wood may interfere with adhesion.

#### CONCRETE

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Due to the variety of concretes available, and the contaminants each is exposed to, be sure you know exactly what contaminants the concrete to be coated has been exposed to. Always test a small inconspicuous area before coating an entire floor to ensure proper adhesion. The following steps do not guarantee adhesion – as some contaminants such as silicone are much harder to clean and it may be necessary to clean and prep the concrete several times to achieve adhesion.



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- 1.** Degrease concrete using a commercial degreaser. For heavy oil contamination, heavier caustic cleaners may be needed. Refer to the manufacturer's instructions for exact process.
- 2.** Acid etch the surface using a 1:1 muriatic acid and water combination. While some finishes may appear to have better adhesion than others, it is recommended to perform this step on all concrete to remove any mineral deposits, but is especially important when dealing with any treated, smooth, or polished concrete surfaces, even those that are new. Neutralize and rinse with water thoroughly. Allow to dry completely before coating with Rock-It liner.

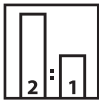
**Note:** On new concrete, it may be necessary to wait a month or longer until the concrete is fully dry. Application over concrete that is not fully dry will result in failure. It is recommended to perform both the degreasing and acid etch steps even on new concrete to ensure proper adhesion.

**Note:** If fixing imperfections in concrete prior to application, do not use any silicone based products.

**Disclaimer:** If there is moisture present under the concrete, and a vapor barrier is not present, lifting of product may still occur no matter how thorough the prep process was. If the application is in an area with a high water table, check to make sure a vapor barrier was used in the construction process under the concrete.

### **IMPORTANT!**

Due to the variety of substrates that **Pro-Tex™** can be applied to, it is recommended to test a small area for adhesion before applying the product. Full adhesion may take up to 48 hours.



### **MIXING:**

**Note:** Do not catalyze more than 1 quart of **Pro-Tex** at a time due to the short working time.

#### **PRO-TEX BLACK**

Mix by volume:

<b>2 Parts</b>	<b>1 Part</b>
Pro-Tex Black	Catalyst

Hand stir thoroughly for 1 – 2 minutes.



#### **PRO-TEX TINTABLE**

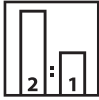
Tint with solvent based automotive type paint. Omit any binders, balancers or reducers called for in the formula – use color only. Do not use water-based or lacquer-based colorants.

**First, mix by volume:**

<b>8 Parts</b>	<b>1 Part</b>
Pro-Tex Tintable	Tint



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Then, mix by volume:

<b>2 Parts</b>	<b>1 Part</b>
Tinted Pro-Tex	Catalyst

Hand stir thoroughly for 1 – 2 minutes.

Note: If needed, **Pro-Tex Truckbed Liner** may be reduced up to 5% with a high quality urethane reducer before adding **Catalyst**.

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



### APPLICATION:

<b>Coats:</b>	2 – 3 light coats
<b>Flash Time between Coats:</b>	15 – 20 minutes @ 70°F (21°C)
<b>Air Pressure:</b>	45 – 90 psi

The **Premium Undercoat Applicator** is recommended to apply **Pro-Tex Truckbed Liner** properly. Do not use a standard Schutz type applicator gun as the diameter of the pick-up tube is not large enough to deliver **Pro-Tex** effectively.

### IMPORTANT!

In hot and/or humid conditions, you must apply lighter coats and allow longer flash times between coats. Truckbed liners applied too heavily too quickly may blister or crack after cure. The first coat should not achieve full coverage and subsequent coats should be applied in the same manner.

Note: Applicator guns may need to be cleaned between coats, especially in hot and/or humid conditions.



### CLEANUP:

Remove all masking tape while final coat is still wet.  
Use appropriate cleaning materials compliant with VOC regulations in your area for cleaning equipment.



### STORAGE:

**Pro-Tex Truckbed Liner** should be stored between 60 – 80°F (16 – 27°C). The shelf life for **Pro-Tex** is 3 years when stored under normal conditions. The shelf life for **Pro-Tex Extender** is 5 years when stored under normal conditions.



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## RELATED PRODUCTS

Part:	Product:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
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
71109	Premium Undercoat Applicator	1 Each
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart
ML010	Metalock™ DTM High Build Primer Kit	5 Quart Kit
ML014	Metalock DTM High Build Primer	Quart
MLH16	Metalock Hardener	Half Pint

### 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.

### Warranty:

When used according to the directions, SEM guarantees to the purchaser, for the life of the vehicle, that **40640** and **40660 PRO-TEX™ TRUCKBED LINER KITS** will perform to specifications under normal conditions. This includes delamination and color fade of the product. These bedliners are not intended for commercial use and any utilization of the products other than as a truckbed liner are not warranted. Be advised that sharp, heavy or abrasive objects may remove part or all of the coating and touch-ups may be necessary. Scratches or gouges in the bedliner, as a result of such use, are not covered. Allow 8 hours of dry time before delivery and 48 hours for use of truckbed.

### Disclaimer:

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.