

TECHNICAL DATA SHEET

DEFENDER-PRO™ Epoxy Truck Bed Liner

TECHNICAL CALLS: 1-855-746-4872 (1-855-RING USC)



DESCRIPTION: DEFENDER-PRO™ Epoxy Truck Bed Liner with Kevlar® delivers the ultimate in metal adhesion, chemical, acid and alkali resistance, durability, and ease of use. This truck bed liner is formulated for easy shake and spray application and may be topcoated.

PART NUMBERS:

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|--|-------------|----------------|-----------------|
| • 1800-2 DEFENDER-PRO Epoxy Truck Bed Liner | 120 oz Kit* | 1 kit / case | 10.5 lbs / case |
| *Kit contains: (4) 1810-4 Resin, (4) 1820-8 Activator (covers standard 6-foot truck bed) | | | |
| • 1810-4 DEFENDER-PRO Epoxy Resin (Part A) | 14 oz | 6 units / case | 7.8 lbs / case |
| • 1820-8 DEFENDER-PRO Epoxy Activator (Part B) | 16 oz | 6 units / case | 8.2 lbs / case |

PRODUCT USES: Protect and beautify truck beds. Protective, textured coating for automotive, fleet, and light industrial use. For metal, wood, or fiberglass, the applications of DEFENDER-PRO for protection and appearance are numerous.



SURFACE PREPARATION:

1. Prior to sanding, remove all surface contaminants by properly cleaning the truck bed with a wax, grease and silicone remover.
2. Protect the vehicle from overspray by masking areas that will not be coated.
3. Remove all rust by grinding or sandblasting. Blow the surface to remove grinding and sandblasting debris.
4. Sand the truck bed with 40-120 grit sandpaper. Blow the surface to remove sanding dust.
5. Clean the truck bed with a wax, grease and silicone remover. Allow the truck bed to thoroughly dry.
6. Prime bare metal areas with USC EasyWork Epoxy Primer #2345-1 or SprayMax 2K aerosol epoxy primer #3680032.



MIXING:

1. Before mixing the activator and resin, thoroughly shake all four 1820-8 Activator (Part B) cans enclosed in the kit. After shaking, set them on a clean, sturdy surface.
2. Pour the entire contents of one (1) 1820-8 Activator into one (1) 1810-4 Resin can (**NOTE:** the resin can is larger to accommodate the addition of Activator). **DO NOT ADD SOLVENT.** When you are finished pouring, tightly reattach the cap on the Resin can and shake for two minutes by hand or one minute on a paint shaker.
3. Mix and shake the remaining cans as in Step 2. Wait for five minutes (induction period) before spraying.
4. Attach a Schutz-style applicator gun to one of the mixed Resin cans (**NOTE:** the siphon tube should nearly reach the bottom of the can. Adjust the tube if necessary.) and tighten securely.



APPLICATION:

1. Set spray gun pressure to 60 psi at the applicator gun. Application air pressure can vary from 50-90 psi depending on the temperature and associated viscosity of the Resin.
2. Starting at the bulk head of the cab, hold the applicator gun approximately 18 inches from the surface and apply product to coverage and desired texture.
3. Spray side walls next, followed by truck bed floor and finishing with tail gate.
4. Check the truck bed for light areas and apply additional product as needed.
5. Using a clean cloth saturated with solvent, immediately remove overspray from vehicle.
OPTIONAL: After 2 hours and before 48 hours dry time, DEFENDER-PRO can be topcoated (without sanding) using single stage color or solventborne basecoat/clearcoat mixed according to manufacturer's instructions.

CLEAN UP: Clean spray equipment immediately after use with reducer. Keep all product containers tightly closed at all times to avoid potential contamination. Discard containers according to local, state and government regulations.

DELIVERY: Allow DEFENDER-PRO™ to dry and cure in a warm and dry area away from debris and weather exposure. Surface temperature should remain above 60°F for 48 hours before exposure to water. Allow 72 hours dry time before full use of the vehicle. To speed cure time, DEFENDER-PRO™ can be force-dried at 120°F for 60 minutes.

TOUCH UP OR REPAIR: DEFENDER-PRO™ can be "touched up" the same day without sanding. If the sprayed material has dried for more than one day, wait until it is fully cured before re-spraying. Sand the repair area and adjacent areas to ensure adhesion.



TECHNICAL INFORMATION:

Mixed Product Color:	Black	V.O.C. (when blended 1:1)	2.28 lbs/gal. (273 g/l)
Mixing Ratio:	1:1 - <i>DO NOT REDUCE</i>	Gasoline/Oil/Xylol resistance:	Passes solvent spot test
Pot Life @ 72°F 50% R.H.:	4 hours	MEK resistance:	Passes 100 double rubs
Air Pressure:	50-90 psi at the gun	10 day Humidity Test (ASTM D2247):	Passes
Recommended Coats:	1 coat to coverage	1000 hour QUV Test (ASTM D4329):	Passes
Approximate Coverage (120 oz):	135 sq. ft. @ 5 mils	Mandrel Bend Test (ASTM D522):	Passes

MSDS: 1810-Defender Pro Epoxy TBL-VOC COMP-Part A-992501 and 1820-Defender Pro Epoxy TBL Activator-VOC COMP-Part B-997510



HEALTH & SAFETY: Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. USC products are for industrial use by trained professionals only.

Emergency Medical or Spill Control Information: In U.S. or Canada call CHEMTREC at 1-800-424-9300