

MOBILE EQUIPMENT

SET7500 is a highly effective anti-corrosive premium primer with quick-dry properties. It is ideal for ferrous metal. It is one of the few zinc primers that doesn't present the problem of out-gassing. Using optional SET2000 Hardener will give even better chemical and solvent protection as well as a faster dry-through time.

Recommended For:

- Refinish Market
- Trailer and Fleet
- Equipment Manufacturers

Features:

- Excellent Corrosion Protection
- Outstanding Flow and Leveling
- Single/Two-Component
- Urethane Modification Possible
- VOC Compliant

FOR INDUSTRIAL USE ONLY

Surface Preparation: Surface should be clean and free of all surface contamination, using SET500 or similar cleaner. Treat aluminum with a commercial etching solution. For light rust, treat with SET400, a rust convertor. For heavily rusted areas, use abrasive blasting. For already painted surfaces, sand using 320 grit (dry) or 400 grit (wet).

Recommended Topcoats:

Use SET2000 Acrylic, SET2200 Urethane, SET2400 Urethane or SET2500 Urethane.

Colors:

Gray, Buff, Black and custom colors are available upon request.

Shipping Weight:

(approximate due to color, fill level and pigment)

SET7500: 1 Gal–13.5 lbs. / 5 Gal–69 lbs.

APPLICATION DATA

Optional Enhancers:

- SET2000 Hardener
 - Liquid Lightning Accelerator
- Will significantly decrease pot life.*

Wet Film Thickness:

3–4 wet mils per coat

Dry Film Thickness:

2–3 mils per coat

Pot Life @ 77°F (25°C):

Not applicable unless using SET2000 Hardener (with hardener, 2 hours).

EQUIPMENT:

Apply by Air-Assisted Airless or HVLP:

Air pressure not to exceed 10 psi at the air cap.

HVLP:

45–60 psi at the gun
1.1–1.7mm or equivalent

AA Airless:

50 psi at the gun
Recommended liquid pressure is 2100–3300 psi with a tip size from 411–517.

Roller/Brush:

- 3/8" nap roller with phenolic core
- Natural bristle is not recommended (for field repair only).

MIXING AND THINNING:

Always thin after adding hardener. If necessary, thin up to 15%, depending on application and temperature, with SET601 or SET602 (exempt solvents).

With optional SET2000 Hardener:

$$\frac{\text{SET7500}}{16} : \frac{\text{SET2000}}{1} : \frac{\text{SETReducer}}{2}$$

SET601 above 80°F (27°C) or SET602 below 80° (27°C)

With optional Liquid Lightning Accelerator:

Use only when using hardener. Add 3–8 drops per gallon.
(NOTE: Will significantly decrease pot life.)

CURE SCHEDULE @ 77°F (25°C):

	Without Hardener	With 2000 Hardener
Tack Free	15 minutes	15 minutes
Drying Time	1.5 hours	1.5 hours
Curing Time	5 days	3 days
Recoat	2 hours minimum 16 days maximum (degloss and recoat)	2 hours minimum 16 days maximum (degloss and recoat)

STORAGE CONDITIONS:

Store indoors @ 40°F–110°F (4.4°C–43.3°C)

CHEMICAL RESISTANCE

Although SET7500 exhibits resistance to these environments, this list is not meant to imply an express guarantee in actual service. It is recommended that the user contact Surface Engineered Technologies (SET) for specific recommendations when severe exposure is expected.

WATER

SALTS

ACIDS

SOLVENTS

ALKALIS

PHYSICAL PROPERTIES

PROPERTY	VALUE*
Finish	Matte
% Solids by Volume	54% ± 2%
% Solids by Weight	73% ± 2%
Theoretical Coverage @ 1 mil	868 sq. ft. per gallon, depending on color <i>The actual coverage will be less depending on application techniques, job conditions and type of surface to be coated.</i>
Viscosity at 77°F (25°C)	80 KU
VOC Actual	299 g/L / 2.5 lbs./gal.
VOC Regulatory	340 g/L (w/SET2000 Hardener 324 g/L) / 2.8 lbs./gal.
Flash Point	43°F (6°C)
Weight of Volatiles	26.4% ± 2%
Weight of Exempt	6.1% ± 2%
Volume of Exempt	11.5% ± 2%
Shelf Life (when kept at the recommended storage conditions and in original, unopened containers)	24 months @ 77°F (25°C)
Pigment Type	Organic zinc
Solvent Type	HAPS free
Vehicle Type	Acrylic
	*Values listed will be color dependent

SAFETY

Read Safety Data Sheets and container label cautions and warnings for important safety and health information prior to use. KEEP OUT OF REACH OF CHILDREN.

Ventilation: When using in enclosed areas, adequate air circulation must be used during and after application until the coating is fully cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents being used. If the user is not sure or not able to monitor the levels, then use an approved (MSHA/NIOSH) respirator.

Caution: This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment/installations should be grounded in accordance with the National Fire Protection Association's (NFPA 70®)/National Electric Code® (NEC®). In areas where potential explosion hazards exist, personnel should be required to use non-ferrous tools and wear conductive, non-sparking shoes.

DISCLAIMER

At the time of publication, the product and technical data contained herein is believed to be accurate by Surface Engineered Technologies (SET). SET is committed to the continual improvement of its coatings, which may cause future product/technical data to change without prior notice. Our products are intended for use by properly trained personnel in industrial applications. Product performance will depend upon surface preparation, technique, method of application, surface to be coated and environmental conditions. However, there is no guarantee of comprehensiveness, accuracy or product performance given or implied herein. SET recommends that products be tested regarding these parameters prior to final use. **Always refer to the current Safety Data Sheet before use.**

WARRANTY: Surface Engineered Technologies (SET) warrants its products to be free of defects in materials and workmanship. Since SET has no control over surface preparation or application methods, no guarantee concerning results is offered, expressed, or implied. If this product is found to be defective, liability shall be limited to the refund of purchase price or replacement of product.

