

**DTM MAINTENANCE ENAMEL**

SET2600 is an aliphatic polyurethane mastic that dries to an extremely durable yet flexible high-gloss finish and provides optimum resistance to chemical exposure and harsh environments.

**CARB Approved for VR-301-F**

**Recommended For:**

- Direct to Metal
- Fuel Storage Tanks
- Equipment and Tankage Manufacturers

**Features:**

- Excellent Gloss and Color Retention
- Outstanding Flow and Leveling
- Two-Component Pkg.
- Very Low VOC

**FOR INDUSTRIAL USE ONLY**

**Surface Preparation: Steel:** Apply urethane over clean, oil and moisture-free substrate. Before hand tool or power tool cleaning, visible deposits of oil grease or other materials that may interfere with coating adhesion shall be removed in accordance with SSPC-SP 1 (Solvent Cleaning). Use either SSPC-SP 2 (Hand Tool Cleaning) or SSPC-SP 3 (Power Tool Cleaning) methods to remove loose mil scale, loose rust, loose paint and other loose detrimental foreign matter. After cleaning, remove dirt, dust or similar contaminants from the surface by brushing, blowing off with clean air or vacuum cleaning. Treat previously painted surfaces as a primed surface.

**Recommended Primers:**

Use SET7600 Epoxy Primer or SET7500 Organic Zinc Primer.

Apply SET2600 to properly cured primers only.

**Colors:**

White, custom matches available upon request.

**Shipping Weight:**

(approximate due to color, fill level and pigment)

SET2600 1 Gal Kit: (A)9.2 lbs. / (B) 4.5 lbs.

**APPLICATION DATA**

**Optional Enhancers:**  
Liquid Lightning Accelerator  
Will significantly decrease pot life.

**Wet Film Thickness:**  
6–8 wet mils per coat

**Dry Film Thickness:**  
6–8 mils per coat

**Pot Life @ 77°F (25°C):**  
3–4 hours  
Avoid moisture contamination.  
Consult manufacturer when using in high humidity (above 85%).

**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  
1.4–1.7 mm or equivalent

**AA Airless:**  
60 psi at the gun  
Recommended liquid pressure is from 2100–3300 psi with a tip size from 411–515.

**Roller/Brush:**

- Lambskin 3/8" nap or shed-resistant 1/4" roller
- China bristle brush

**MIXING AND THINNING:**

Two-component packaging. Combine full containers for correct mix ratio. Thin up to 15%, depending on application and temperature, with SET601 or SET602 (exempt solvents). SET2600 is an almost 98% solids product and needs to be mixed thoroughly to ensure a good reaction. Always thin after adding catalyst.

**Mixing:**

SET2600 (A) : SET2600 (B) Catalyst : SET Reducer  
5 : 3 : 1

SET601 above 80°F (27°C) or SET602 below 80°F (27°C)  
(SET600 reducers are exempt solvents.)

**CURE SCHEDULE @ 77°F (25°C):**

|                      |                                 |
|----------------------|---------------------------------|
| <b>Tack Free</b>     | 5 hours                         |
| <b>Drying Time</b>   | 9 hours                         |
| <b>Curing Time</b>   | 7 days                          |
| <b>Between Coats</b> | Allow to flash 60 minutes       |
| <b>Recoat</b>        | 5 hours<br>(degloss and recoat) |

**STORAGE CONDITIONS:**

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

**CHEMICAL RESISTANCE**

Although SET2600 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   | Super High Gloss   |
| % Solids by Volume   | 94% ± 2%   |
| % Solids by Weight   | 96% ± 2%   |
| Theoretical Coverage @ 1 mil   | 1507 sq. ft. per gallon, depending on color<br><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)   | 130 KU   |
| VOC Actual   | 8 g/L / 0.06 lbs./gal.   |
| VOC Regulatory   | 9 g/L / 0.07 lbs./gal.   |
| Flash Point  | Part A: 174°F (78°C) / Part B: 357°F (181°C)   |
| Weight of Volatiles  | 3.6% ± 2%  |
| Weight of Exempt   | 3.2% ± 2%  |
| Volume of Exempt   | 5.2% ± 2%  |
| Shelf Life<br>(when kept at the recommended storage conditions and in original, unopened containers) | 24 months @ 77°F (25°C)  |
| Pigment Type   | Chemical Resistant   |
| Solvent Type   | Not Applicable   |
| Vehicle Type   | Acrylic Polyurethane   |
|  | <b>* Values listed will be color dependent<br/>Values blended 5A:3B</b>  |

**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.

