

PolyThane Industrial Enamel Interior / Exterior

Gloss Finish • 5940

Product Description

Our premium rust preventative coating fortified with the finest polyurethane resins to offer excellent durability and performance. It provides superior coverage, a rich finish that is abrasion, impact, chemical and salt water spray resistant, resists chipping and flaking, is fast drying and is easy to apply. It is VOC compliant and has excellent allowing for application to properly prepared interior and exterior metal substrates, such as hospitals, factories, food processing plants, schools, government facilities, and institutions.

Recommended Substrates

- Structural steel, iron & ferrous metals
- Properly primed aluminum, galvanized and non-ferrous metals
- Appliances, equipment, piping, tools, machinery, cabinets and tanks

Product Features

- Urethane fortified formula
- Rust preventative
- Excellent hardness & durability
- Impact and abrasion resistant
- Chemical, corrosion & moisture resistant
- Superior coverage & fast drying
- VOC compliant

Product Limitations

This product is for use on properly prepared above grade horizontal and vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.

Available bases | 5940: WB | TB | DB

Application: Brush, roller, airless or conventional spray

Dry time @ 50% RH*: 2 - 4 HRS to touch
6 - 8 HRS recoat

*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment

Flash Point: Nonflammable >107°F

Clean Up: Mineral Spirits

Compliance

This product is VOC compliant based on limits provided by EPA, MPI GSP-1 and OTC Phase 1.

Product Data

Product Type: Alkyd Urethane

5940
Gloss @60°: 70-80

Wt Solids ±2%: 69%

Vol Solids ±2%: 52%

Wet Film Mils: 4.0 - 5.3

Dry Film Mils: 2.1 - 2.8

Coverage / Gal * 300 - 400

* coverage and wet and dry millage will vary by substrate type and porosity.

VOC gms p/L:** <400

** less exempt solvents.

Viscosity KU ±5: 83

Surface Preparation

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

General Surface Preparation: The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminants that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting.

Mildew - Surface areas affected by mildew should be treated with a commercial mildew wash and/or removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water and allow a minimum of 24 hours to dry thoroughly.

Ferrous Metals: Thoroughly clean the entire surface area according to SSPC-SP 1 - Solvent Cleaning specifications. Completely remove any existing paint, as well as any loose rust, mill scale and rust deposits by hand scraping, sanding, and wire brushing according to SSPC-SP 2 - Hand Tool Cleaning specifications, or by power tool cleaning methods, such as electric sanders or grinders according to SSPC-SP 3 - Power Tool Cleaning specifications. Previously painted surfaces, whereby the existing paint show signs of serious deterioration should be completely removed in accordance with SSPC-SP 6 - Commercial Blast Cleaning, or SSPC-SP 10 - Near White Blast Cleaning specifications. Repair/ replace any damaged, delaminated and surface imperfections with the proper patching compounds or building materials, and sand all glossy surfaces to effectively existing sheen.

Aluminum & Galvanized Metals: clean as ferrous metals and prime with Florida Paints 5950 Induzi Industrial Universal Alkyd Metal Primer or other approved primer for these substrates.

Application: Stir product thoroughly in a spiral up and down motion before use and during application. Use a quality china bristle or synthetic brush, a 3/8" to 3/4" nap synthetic roller cover, or airless sprayer with a minimum pressure of 2000 PSI and a .013"-.015" tip. To assure color uniformity intermix multiple containers of same color and apply a small test area to verify color.

Thinning: Stir thoroughly and apply as it comes from the container, thinning is not necessary under normal conditions.

Coverage & Dry Time: Covers approximately 300-400 square feet per gallon, depending on the method of application and the porosity of the surface to be painted. Dries to touch in approximately 2 - 4 hours and may be recoated in 6 - 8 hours when humidity is low. Do not use when air, surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

Clean Up: Minor spills and spatters should be immediately cleaned with mineral spirits, as well as any painting tools and airless spray equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Safety

CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes. Ensure fresh air entry during application and drying. Wear an appropriate fitted respirator (NIOSH approved.) Wear eye protection. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

Florida Paints believes the technical data represented in this technical bulletin to be current and up to date. However, Florida Paints makes no warranties or guarantees either expressed or implied. Florida Paints claims no responsibility from damages incurred from use by either the purchaser or user of the product.

PDS 5940 2007



Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

Florida Paints and Coatings, LLC

78 3rd Street | Winter Garden, Florida 34787
407.986.1000 | info@FloridaPaints.com | FloridaPaints.com