



HPC/Industrial Maintenance

FAST DRY 2500 Alkyd Enamels

Generic Type

Vinyl Modified Alkyd

General Description

Fast Dry 2500 is an excellent single component, high gloss, fast dry vinyl modified alkyd enamel that is recommended for interior and exterior use on properly prepared and primed metal surfaces. Easy to apply and abrasion resistant, Fast Dry 2500 is ideal for product finish applications where a super fast dry gloss enamel is required for fast production and handling. For Professional Use Only; Not Intended for Household Use.

Tinting and Base Information

These products are designed to be tinted with PERFORMACOLOR® and 96 Line colorants. Refer to the appropriate formula book for tinting instructions.

94-634	Pastel Base
94-636	Deeptone Base
94-637	Deep Rustic Base
94-652	Safety Yellow
94-653	Black
94-658	Safety Red

Recommended Uses

- Aluminum
- Ferrous Metal
- Heavy Equipment
- Machinery
- Piping

Features / Benefits

- Fully 3.5 VOC compliant
- Ideal for light industrial applications
- High gloss finish
- Fast dry formula
- Hard, durable finish
- Abrasion resistant
- Virtually Infinite color capability with PerformaColor and 96 line colorant systems

Limitations of Use

Apply only when air and surface temperatures are above 35°F (2°C) and surface is at least 5°F (3°C) above the dew point. For optimum application properties, bring material to 70°F -100°F (21°C - 38°C). Avoid exterior painting late in the day when dew or condensation can form or rain is threatening. Keep material in protected storage between 40°F and 100°F (5°C -38°C) prior to use. Drying times listed may vary depending on temperature, humidity and air movement. DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

Product Data

Gloss:	Gloss: +85 (60° Gloss Meter)
VOC*:	3.44 lbs/gal 412.50 g/L
Coverage:	334 to 572 sq ft/gal (31 to 53 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	1.4 minimum to 2.4 maximum
Weight/Gallon*:	10.5 lbs. (4.8 kg) +/- 0.3 lbs. (136 g)
Volume Solids*:	50% +/- 2%
Weight Solids*:	67% +/- 2%
Mix Ratio:	One Component
Clean-up:	97-727 PPG Thinner

Results will vary by color, thinning and other additives.

*Product data calculated on 94-634, Pastel Base

Drying Time:

To Touch:	15 minutes
To Handle:	90 minutes
To Recoat:	See Use Directions
Dry Time @77°F (25°C); 50% relative humidity	

Flash Point: 94-634 108°F, (42.2°C)

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General Surface Preparation

The surface to be coated must be dimensionally stable, dry, clean and free of oil, grease, release agents, curing compounds, and other foreign materials. Recommended minimum surface preparation for rusted or new surfaces is SSPC-SP2 Hand Tool Cleaning or SSPC-SP3 Power Tool Cleaning.

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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

PREVIOUSLY PAINTED SURFACES: Old coatings should be tested for adhesion of the existing system and lifting by the proposed topcoat.

Recommended Primers

Aluminum	6-204, 90-712
Brass	6-204, 90-712
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712

Directions for Use

Mix thoroughly before and occasionally during use. Conventional air spray or airless spray is recommended. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. Recoat before 2 1/2 hours or after 16 hours. Recoat time may be affected by temperature, humidity, air movement, and excessive dry film thickness.

Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Permissible temperatures during application:

Material:	50 to 100°F	10 to 38°C
Ambient:	35 to 110°F	2 to 43°C
Substrate:	35 to 110°F	2 to 43°C

Application Information

Recommended Spread Rates:

Wet Mils :	2.8	minimum to	4.8	maximum
Wet Microns:	71.1	minimum to	121.9	maximum
Dry Mils :	1.4	minimum to	2.4	maximum
Dry Microns:	35.6	minimum to	61.0	maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Conventional Spray: Fluid Nozzle: DeVilbiss MBC-510 gun, with 704 air cap with E tip and needle, or comparable equipment.

Airless Spray: Pressure: 1800-2400 psi, tip 0.015" - 0.017"

Brush: Natural Bristle Brush - for touch-up or small areas only

Roller: Not Recommended

Thinning:

Thinning will not be required for most applications.

Packaging: 1-Gallon (3.78L)

5-Gallon (18.9L)

Not all products are available in all sizes. All containers are not full-filled.

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppghcp.com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier
1-888-PPG-IDEA

PPG Architectural Finishes
400 S. 13th Street
Louisville, KY 40203

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

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