



FleetSpec™ 1500

High Solids Polyester Urethane Finish

Description:

FleetSpec™ 1500 is a uniquely engineered high performance finish. Developed to provide excellent exterior durability, high strength, flexibility and superior levelling and DOI. This quality coating system offers superior performance and enhanced productivity. Long open times allow for optimal melt in while reducing overspray problems on large surfaces. This high gloss product has been designed to offer excellent long-term protection in moderate to severe environments. The formulation of this product will resist fresh water, salt water, most chemicals, fumes and spills of mild acids and alkalis. One of our longest lasting, most durable topcoat finishes. **FleetSpec™ 1500** is chip resistant and exhibits exceptional color and gloss retention.

Advantages:

- High Chip Resistance
- Excellent Color/Gloss Retention
- Superior Adhesion and Flexibility
- Available in Gloss, Satin and Matte Finishes
- Long Working Time
- Excellent Chemical Resistance
- Superior Impact Resistance

Uses:

- Vehicles
- Oil Rig Equipment
- Fleet Truck and Trailers
- Containers
- Airport Ground Equipment
- Marine Applications

System Components:

- 1500 High Gloss, 1510 Satin, 1525 Matte Color Base Component
- ACT-9200 Activator

Surface Preparation:

Can be applied after proper flash time without sanding over any compatible primer as listed below. If sanding of primer is desired, sanding should be completed with a 220 grit to 400 grit sandpaper. Surface must be cleaned and tacked prior to applying topcoat.

Coating Compatibility: FleetSpec™ 1500, 1510, 1525 may be applied over any of the following:

- 960FS Urethane Primer Surfacer 970FS Urethane Spray Fill Primer
- 853 Multi Surface Epoxy Primer Sealer
- 980 HS Multi Surface Epoxy Primer
- 900 DTM Urethane Primer
- 985 HS Epoxy Zinc Primer

Existing Coatings:

FleetSpec™ 1500 may be applied over most aged and cured coatings in good condition. Testing for lifting, bubbling, and adhesion is recommended to assure compatibility with unknown coatings.

Color:

FleetSpec™ 1500 utilizes the Baril FleetSpec™ toner platform that offers unlimited color availability with a database comprising thousands of existing fleet and industrial color formulations. Available in solid-color, metallic and pearl finishes.

FleetSpec™ lab technicians can also custom match colors as required Color is available as a pre-mixed factory pack or in a toner bank platform for on-site color matching. Portable color camera is available to provide custom match formulas and correction ability.

Material Properties

Gloss Level	High Gloss 90+ / Satin 50-60 / Matte 5-10
Weight Solids	56%(mixed)
Volume Solids	47% (mixed)
VOC	4.0 (mixed)
Dry Film Thickness	2.0-3.0 mils
Colors Available	Full Spectrum
Pot Life (68°F/20°C)	3 Hours @ 70°F 50% RH
Theoretical Coverage	368 sq.ft./gal. @ 2.0 mils DFT
Practical Coverage	As a guideline for spraying on large dimensions: 70% theoretical coverage, for small dimensions: 50%

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Application Information

Preferred Spray Method:	Air Spray / HVLP
Thinner:	SZ680, SZ670
Quantity:	5-10%
Nozzle or Tip Size:	1.4 to 1.8
Fluid Pressure:	20-40 PSI
Air Pressure:	30-60 PSI
Dry Film Thickness:	2.0-3.0 Mils

Curing Times: 70°F @ 2-4 mils DFT

To Touch:	1-2 Hours
Melt in Time:	2 Hours
Tack Time:	20-30 Minutes
To Handle:	1-2 Hours
To Recoat or to Expose to Weather:	24 Hours sand after 96
Full Cure:	7 Days
Force Cure:	30 Minutes @150°F

Do not apply this product if substrate and/or temperature is less than 50°F. Conventional low pressure or HVLP spray is the preferred method of application. Apply the product in multiple coats waiting 5-10 minutes between coats for best performance.

Product Details

Mix Ratios: 3 Parts 1500 Series Color to 1 Part ACT 9200
4 Parts 1510 Series Color to 1 Part ACT 9200
4 Parts 1525 Series Color to 1 Part ACT 9200
Activator. Shake up or stir completely before and after activation and before application.

Activators: ACT-9200

Shelf Life: 2 years from date of manufacture.

Storage: Store in a well-ventilated area. Conditions should be between 35° F (2° C) and 120° F (48° C).

Cleaning Instructions: Clean immediately after application using MEK

Health & Environmental:

Observe safety information from MSDS sheets. Always wear proper protective suits, gloves and eye protection. In case of eye contact, immediately wash with large amounts of water. Always wear proper NIOSH approved respirators or fresh air fed respirators. Residual vapors may explode on ignition. Do not cut, drill, grind or weld on or near this container.

Warranty / Disclaimer:

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to the acceptance of limited warranty. A copy of which can be obtained from Baril Coatings, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Baril Coatings. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.

Material Performance

Abrasion Resistance	ASTM D 4060	Excellent
Adhesion	ASTM D 4541	1850 PSI
Direct Impact	ASTM D 2794	80 in lbs.
Reverse Impact	ASTM D 2794	60 in lbs.
Humidity Resistance	ASTM D 2247	Pass 1000 hrs
Film Hardness	ASTM D 3363	2H
QUV A	ASTM D 4587	97% @ 1500 hrs
Initial Gloss @ 60°	ASTM D 523	94 minimum
Solvent Resistance	ASTM D 4752	1000 MHR

Chemical Resistance: ASTM D 1308

Chemical	Rating 10:Best 1: Worst
Diesel Fuel	10
10% Sulfuric Acid	10
10% Phosphoric Acid	10
Gasoline	10
Skydrol	10
DOT Brake Fluid	10



FleetSpec™
Multi Fleet & Industrial Finishes

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