

FleetSpec[™] 2500

1K Matte Finish Basecoat

Description:

FleetSpec[™]2500 is a 1K solvent-based matte base coat for automotive, fleet and industrial coating, repair and refinishing bodywork for the application of metallic and solid pastel colors. It is the ideal product where a high quality basecoat system is required, the basecoat is characterized by fast drying, pleasant aesthetic effect and ease of application, due to the correct orientation function of pearls and metallic.

Advantages:

- Fast Dry
- Excellent Metallic Orientation
- Superior Adhesion and Flexibility
- Available in Clear Binder, 3 Metallic Binders, White and Black.
- Smooth Finish
- Excellent Depth of Image using 3000 Clear

Uses:

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

System Components:

- 2500 Matte Finish Clear Binder, 2501 White, 2502 Black 2503 Fine Metallic, 2504 Medium Metallic, 2505 Coarse Metallic Base Components

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[™]2500, 2501, 2502, 2503, 2504, 2505 may be applied as an intermediate coat over any of the following:

- 960FS Urethane Primer Surfacer
- 970FS Urethane Spray Fill Primer
- 853 Multi Surface Epoxy Primer Sealer

The following primers can be used DTM under the above sealer products to offer better corrosion resistance.

- 980 HS Multi Surface Epoxy Primer
- 900 DTM Urethane Primer
- 985 HS Epoxy Zinc Primer

Color:

FleetSpec[™] 2500 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	Matte 1-5
Weight Solids	20.5%
Volume Solids	17.5%
VOC	6.0 (mixed)
Dry Film Thickness	1.0-1.5.mils
Colors Available	Full Spectrum
Pot Life (68°F/20°C)	3 Hours @ 70°F 50% RH
Theoretical Coverage	262 sq.ft./gal.@ 1.0 mils DFT
Practical Coverage	As a guideline for spraying on large dimensions: 70% theoretical coverage, for small dimensions: 50%

Sustainable Coating Solutions



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Application Information

Preferred Spray Method:	Air Spray / HVLP
Thinner:	SOL- 690, 680, 670
Quantity:	60% to 100%
Nozzle or Tip Size:	1.2 to 1.4
Fluid Pressure:	20-40 PSI
Air Pressure:	30-60 PSI
Dry Film Thickness:	1.0-1.5 Mils

Curing Times: 70°F @ 2-4 mils DFT

To Touch:	5-10 Minutes
Melt in Time:	10 Minutes
Tack Time:	5-10 Minutes
To Handle:	1 Hour
To Clearcoat:	20 Minutes to 6 Hours
Full Cure:	24 Hours
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 3-5 minutes between coats for best performance.

Product Details

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:

In accordance with OSHA regulations on hazardous materials, harmful and irritating if in contact with skin, eyes and by inhalation. 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 and contact a medical expert. If spraying, always wear proper NIOSH approved respirators. Fresh air fed respirators are preferred. Do not eat, drink or smoke during application. Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. 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.

