Technical Data Sheet
Rev: 12.30.24

FleetSpec™
Multi Fleet & Industrial Finishes

FleetSpec™ 1300

High Solids Acrylic Urethane Finish

Description:

FleetSpec™1300 is a High Solids High Gloss Acrylic Urethane Topcoat. It is an ideal option for OEM applications, fleet refinish, marine applications and other similar industrial applications. **Fleet**Spec™1300 provides for high quality, rapid turnaround with long-lasting performance. This finish offers excellent durability against fuel spills and harsh chemicals as well as superior chip resistance and UV protection.

Advantages:

- Long Term Color and Gloss Retention
- Application of multiple back-to-back without runs and sags.
- Superior Flexibility
- Excellent Chemical Resistance
- User Friendly

Uses:

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

System Components:

- 1300 Series Color — Base Component
- ACT-9200 — Activator

Material Properties

Gloss Level	High Gloss 90+
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)	2 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%

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: Fleet Spec™1300 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™1300 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™ 1300 utilizes the Baril **Fleet**Spec™ 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. **Fleet**Spec™ 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.

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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: 70ºF @ 2-4 mils DFT	
To Touch:	90 Minutes
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 48
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: 4 Part 1300 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

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 @ 60º	ASTM D 523	94 minimum
Solvent Resistance	ASTM D 4752	1000 MHR

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.

401 Growth Parkway
Angola, IN 46703
www.barilcoatings.us
260-665-8431