



FleetSpec[™] 3000CLR

High Gloss Premium Clearcoat

Description:

FleetSpec[™] 3000CLR is an automotive premium production style clearcoat. It has a long pot life of 2 hours and no recoat sensitivity issues making it extremely user friendly. It can be cross coated as you go successfully without concern for solvent popping. It lays down flat and smooth with incredible DOI when dry. This high-quality clear has excellent UV resistance and long-term gloss retention. It is a strong protective coat for many application possibilities.

Advantages:

- Long Term Gloss Retention
- Excellent Impact Resistance
- Superior Flexibility
- Superior Chemical Resistance
- Long Working Times

Uses:

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

System Components:

- 3000 Series Clear Base Component
- ACT-9300Z Zero VOC Activator

Material Properties

Gloss Level	High Gloss 90+
Weight Solids	44.76% (mixed)
Volume Solids	43.40% (mixed)
VOC	2.20. per/gal
Dry Film Thickness	1.5-2.0 mils
Colors Available	Clear Gloss
Pot Life (68°F/20°C)	2 Hour @ 70°F 50% RH
Theoretical Coverage	344 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: FleetSpec[™] 3000CLR may be applied over any of the following:

- 2500 Basecoat
- 1260 Premium Polyester Urethane
- 1300 HS Acrylic Urethane
- 1500 HS Polyester Urethane



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Application Information

Preferred Spray Method:	Air Spray / HVLP
Thinner:	SZ680, SZ670
Quantity:	5-10%
Nozzle or Tip Size:	1.1 to 1.5
Fluid Pressure:	20-40 PSI
Air Pressure:	30-60 PSI
Dry Film Thickness:	1.5-2.0 Mils

Apply two medium wet coats allowing 10-15 minutes flash time between coats. Two coats are recommended to get full protection against environment and UV resistance. One coat with a cross coat or two back-to-back medium wet coats is admissible if two dry mills can be achieved.

Product Details

Mix Ratios:	4 Part 3000 Series Clear to 1 Part ACT-9300Z Activator. Stir completely before and after activation and before application.
Activators:	ACT-9300Z Zero VOC Activator
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 or Lacquer Thinner

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.

Curing Times: 70°F @ 2-4 mils DFT

To Touch:	3-4 Hours
Melt in Time:	2 Hours
Tack Time:	3-4 Hours
To Handle:	3-4 Hours
To Recoat or to Expose to Weather:	8 Hours
Full Cure:	7 Days
Force Cure:	30 Minutes @150°F

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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