

FleetSpec™ 1240

HB, HS, HG Urethane Designed for Airless and Air-Assist Application



Description:

FleetSpec™ 1240 is a high build, high solids, & high gloss urethane topcoat. It is designed be used with arless, air assist, pressure pot, or cup gun without the typical problems such as die back or solvent pop. 1240 is engineered to provide for additional sag control which enables the applicator to apply heavier or multiple back to back coats without getting runs or sags. 1240 has excellent durability against harsh chemicals and UV rays, exhibiting excellent color and gloss retention.

Advantages:

- Long-term color and gloss retention
- Application of multiple back to back coats without runs
- Excellent chemical resistance
- Superior flexibility
- High UV resistance
- Long working times and user-friendly application

Common Applications:

- OEM
- Industrial Refinishing
- Construction Equipment
- Truck and Trailer Refinish

System Components:

- 1240 Series Color
- ACT65 for National Rule
- ACTZ50 for ≤ 2.8 VOC
- S660, S670, S690 reducers (Nat'l)
- SZ660, SZ670, SZ680, SZ690 reducers (≤ 2.8 VOC).

Surface Preparation:

Clean surface with solvent or water based cleaner. Sand entire surface with 320 grit, or 220 grit sandpaper and blow off all dust and clean surface with both solvent based cleaner and water based cleaner. Lightly wipe down with tack rag.

Coating Compatibility: FleetSpec 120 may be applied over any of the following

- 850 MS Epoxy Primer
- 825 FD Epoxy Primer
- 306 Zinc Rich Urethane Primer
- 900 High Build Urethane Primer
- 750 ISO-Free 2k High Build DTM Primer

Existing Coatings: 1230 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™ 1210 utilizes the Baril ColorLinks™ intermix platform. ColorLinks™ offers unlimited color availability with a database comprising thousands of existing fleet color formulations. Available in solid-color, metallic and pearl finishes, ColorLinks™ 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.

Material Properties	
Gloss Level (60° angle)	92+
Weight Solids	47% (average)
Volume Solids	57% (average)
VOC	1.59-3.55 depending on activator used
Pot Life	2 Hours @ 70°F
Flash Time @ 70°F	10-25 minutes depending on reducer used.
Dry Times	Depends on application. Please contact yor Baril representative.



Gun Setups:

Airless and Air Assist Airless – 1004-1006 or 1104-1106 nozzle. (Not Recommended)

Pressure Pot – 1.0-1.1 tip and needle

Gravity Feed: 1.4 mm – 1.7 mm

Siphon Feed: 1.4 mm – 1.7 mm

Air Pressures:

- Airless and Air Assist Airless, See particular equipment standards.
- Pressure Pot Liquid Back Pressure 2 qt – 8-12 lbs., 3.5 gl. – 12-18 lbs., 5 gl. – 18-25 lbs.
- Pressure Pot Gun Pressure 24-28 lbs.
- Gravity Feed 24 – 28 psi
- HVLP at cap 8 – 10 psi

Application:

Apply one wet coat immediately followed by one or two more back to back coats. Make sure that you allow the paint to breath as you are applying each coat. One wet coat should achieve 2.2 to 2.8 dry mills. Two wet coats will achieve 4.4 to 5.6 dry mills. Three wet coats will achieve 8.8 to 11.2 dry mills.

When applying multiple back to back coats, apply medium wet coats while letting the paint breathe during application.

Safety:

Refer to Safety Data Sheet (SDS) for complete safety instructions. The Painters Technical Information Sheet listed has been compiled in good faith for your convenience and guidance.

Application Details

Mix Ratios	3 Parts 1230 Series Color to 1 Part Selected Activator and 1 Part select-ed reducer.
Reducer	<ul style="list-style-type: none"> • S660, S670, S690 reducers (Nat'l) • SZ660, SZ670, SZ680, SZ690 reducers (≤2.8 VOC).
Activators	ACT75 for National Rule ACTZ65 for 2.8 and below VOC
Application Environment:	Do not apply if the surface tempera-ture of the object to be painted is below 50°F (10°C) or above 100°F (37.8°C)
Application Equipment	Contact Your Baril Coatings Rep-resentative for specific application equipment recommendations.
Shelf Life	2 years from date of manufacture. Store in a well-ventilated area. Stor-age conditions should be between 35° F (2° C) and 120° F (48° C). Shake up or Stir Up completely be-fore Activation and Application.
Cleaning Instructions	Use Lacquer Thinner or Acetone de-pending on Local Area Regulations. (Check local regulations)

Chemical Resistance: ASTM D 1308

Chemical	Rating 10:best, 1:worst
10% Sodium Hydroxide	10
Diesel Fuel	10
10% Ammonia	10
100% Ethanol	10
10% Sulfuric Acid	10
10% Phosphoric Acid	10
MEK (Methyl Ethyl Ketone)	10
Gasoline	10
Skydrol	10
DOT 3 Brake Fluid	10

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 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.