

FleetSpec™ 1110

MS Urethane Enamel Medium Speed



Description:

1110 is a Medium Solids High Gloss Modified Urethane Enamel Topcoat. 1110 is a great choice for OEM applications, fleet repair and refinish, and many other industry applications where good turn around and great quality, long lasting coatings are needed. 1110 has good durability against harsh chemicals, chip resistance and UV ray protection, giving great 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
- Long working times and user-friendly application

Common Applications:

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

System Components:

- 1110 Series Color
- ACT40 for National Rule
- ACTLV40 for 3.5 VOC
- ACTZ35 for 2.8 VOC
- No reducer recommended

Material Properties	
Gloss Level (60° angle)	95
Weight Solids	50% (average)
Volume Solids	44% (average)
VOC	2.4-3.5 depending on activator used
Pot Life	45 Minutes @ 70°F
Flash Time @ 70°F	10-15 minutes.
Dry Times	Tack Free: 15 Minutes Dry To Touch & Handle: 4 Hours Through Cure: 12 Hours

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 1110 may be applied over any of the following

- 850 MS Epoxy Primer
- 825 FD Epoxy Primer
- 853 MS Epoxy Primer
- 305 and 306 Zinc Rich Urethane Primer
- 950 High Build Urethane Primer

Existing Coatings: 1110 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™ 1110 utilizes the Baril ColorLinks™ intermix platform. ColorLinks™ offers a formula lookup software package with most all of the popular Fleet and Industrial color selections. 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.



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: 1.3 mm – 1.5 mm

Siphon Feed: 1.3 mm – 1.5 mm

Air Pressures:

- Airless and Air Assist Airless, See particular equipment standards. (Not Recommended)
- Pressure Pot Liquid Back Pressure 2 qt – 8-12 lbs., 3 gl. – 12-18 lbs., 5 gl. – 18-25 lbs.
- Pressure Pot Gun Pressure 24-35 lbs.
- Gravity Feed 24 – 28 psi
- HVLP at cap 8 – 10 psi

Application:

Apply two medium wet coats allowing 10-25 minutes flash time between coats. Mill build should be 1.5-1.9 mills per coat. Two coats are recommended to get full protection against environment and UV resistance. One coat with a cross coat is admissible if two dry mills can be achieved.

Safety:

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

Application Details

Mix Ratios	4 Parts 1110 Series Color to 1 Part Selected Activator.
Application Environment:	Do not apply if the surface temperature 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 Representative for specific application equipment recommendations.
Shelf Life	2 years from date of manufacture. Store in a well-ventilated area. Storage conditions should be between 35° F (2° C) and 120° F (48° C). Shake up or Stir Up completely before Activation and Application.
Cleaning Instructions	Use required cleaner depending 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.