



Strenex 602 Semi-Gloss DTM Polyurethane



GENERAL

DESCRIPTION

The 602 Series is a direct-to-metal (DTM), semi-gloss polyurethane coating designed to provide corrosion protection and a tough, UV-stable finish direct to properly prepared steel substrates. This product line has excellent adhesion, hardness, impact resistance, and chemical resistance and is formulated for VOC Compliance (<2.8 lb./gal).

SUGGESTED USES

The 602 Series is intended for use over properly prepared steel substrates for manufacturers requiring a high-build coating for:

- Steel Storage tanks
- Railcar
- Heavy Equipment
- Trailer Chassis and Frame
- Marine/OEM/Industrial Maintenance

COLOR

Black (602B3-116)

White (602W-101) – Make-to-order, 250 gal minimum

*Custom colors available upon request



MIXING

COMPONENTS

Base: 602B3-116

Activator: 652V-100

Accelerator: 10T-172

MIX RATIO

4:1 By Volume

4 Parts Base : 1 Part Activator

REDUCTION / CLEAN UP THINNERS

No reduction necessary for airless spray under most conditions. If thinning is desired, use one of the following: Y-32401, 9M01, or 9M02

POT LIFE

@ 105°F / 40°C = 45 Min.

@ 77°F / 25°C = 2 Hr.

@ 60°F / 15°C = 2.5 Hr.



APPLICATION

SURFACE PREPARATION

This product can be applied over a properly cured compatible epoxy primer or a surface prepared to SSPC-SP 6, 7 or 10 with a 1.5 - 3.0 mil (38-76 micron) abrasive blast profile. Poor surface preparation will reduce the overall performance and service life of the coating. For best results, surfaces should be clean, dry and free of loose rust, dust, dirt, oil, grease, salt deposits or other contaminants. If applying over an unknown, previously installed coating, test an inconspicuous area for lifting or softening of existing coating prior to full application.



APPLICATION

Substrate and air temperatures must be at least 5°F (3°C) above the dew point and rising. Water condensation on the new film may cause surface imperfections and poor cure. Do not apply when Relative Humidity exceeds 85%. Avoid placing freshly painted components outdoors under wet, rainy conditions. Lower temperatures (< 60°F) will increase dry times. Do not use this product when temperatures fall below 50°F. Substrate temperatures above 120°F may cause the product to sag, curtain, or run.

This product can be applied up to 12 mils wet film thickness under normal conditions (60-80°F / 50% R.H.).

Airless Spray

Pressure: 1,800 – 2,500 psi
Tips: 0.015" – 0.019"

Conventional Spray

Spray Gun: DeVilbiss MBC-510
Fluid Nozzle: E
Atomizing Pressure 60-65 psi
Air Cap: 704



DRY TIMES

Temperature	Dry to Touch	Dry to Handle	Dry Hard
105°F	45 Min	1 Hr.	2 Hr.
77°F	1.5 Hr.	3 Hr.	5 Hr.
60°F	6 Hr.	7 Hr.	8 Hr.
50°F	12 Hr.	14 Hr.	16 Hr.



PHYSICAL PROPERTIES (VARIES BY COLOR)

Volume Solids: 60% (+/- 2.5%)
Weight Solids: 70% (+/- 2.5%)
Typical Coverage Per Gallon: 962 sq ft @ 1 mil
Package Size: 5 gal pail (Base), 1 gal pail (Activator)
Flash Point: See SDS
Gloss: 60+ @ 60°
Shelf Life: 24 months
Recommended DFT: 4-8 mils DFT
Coverage: 160 Sq. Ft/Gal @ 6 Mil DFT
Full Cure: 10 Days @ 77°F
Re-coat: 2 Hr. @ 77°F

VOC REGULATIONS (VARIES BY COLOR)

VOC Emissions – 2.41 lbs/gal (mixed)

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas.

SAFETY AND HANDLING

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for professional use by persons having skill and know-how at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.