

# **Strenex**

## **121-106 Series Universal Spray Primer**



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### **GENERAL**

#### **DESCRIPTION**

A high solids, VOC Compliant, anti-corrosive primer designed to provide corrosion protection to steel substrates. This product is designed for the needs of OEM (Original Equipment Manufacturers) production schedule requirements for quick dry times and fast handling properties. This product is a universal primer formulated to accept solvent based alkyds, acrylics or polyurethane topcoats at any time without the need for sanding or abrasion of its surface.

#### **SUGGESTED USES**

As anti-corrosive coating for use by job shops, steel fabricators, specialty manufacturers, and field contractors over properly prepared steel surfaces where the following attributes are desirable:

- VOC compliant
- Fast dry time
- Wide recoat window
- Excellent corrosion resistance

#### **COMPATIBILITY WITH OTHER COATINGS**

Many commercial topcoats can be applied over this primer, including alkyds, epoxies, polyurethanes, and acrylics. Always test for lifting, bubbling and adhesion to assure compatibility prior to full-scale painting.

#### **COLOR**

Black (121B3-106)

Gray (121D3-106)

Red (121R3-106)

White (121W3-106)



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### **MIXING**

#### **MIX RATIO**

Ready to use

#### **REDUCTION / CLEAN UP THINNERS**

No thinning is required. If thinning is desired or clean-up needed, use one of the following: Tufcote 82, Tufcote 8020, TY3810, or TY3819

#### **POT LIFE**

Not applicable.



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### **APPLICATION**

#### **SURFACE PREPARATION**

Poor surface preparation will reduce the overall performance and service life of the coating. Steel surface should be clean, dry and free of any oil or dirt.

#### **APPLICATION CONDITIONS**

Do not apply if material, substrate or ambient temperature is below 40°F (4°C) or above 110°F (43°C). Apply only in good weather or in covered areas protected from environmental conditions. Substrate and air temperatures must be at least 5°F (3°C) above the dew point and rising. Avoid painting late in the day when temperatures fall and relative humidity increases toward the dew point. Water condensation on the new film may cause surface imperfections and poor cure.

### SPRAY APPLICATION

Conventional pressure pot spray, airless spray, or air-assisted airless spray applications are recommended. Touch-up of small areas may be performed by using nylon brushes or short-nap, rosin-core rollers.



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### DRY TIMES

Cure time at recommended thickness @ 50% RH

	<u>77°F (25°C)</u>
To touch	15-20 min
To handle	30-45 min
Recoat	30 min (minimum)
Hard dry	24 hrs



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### PHYSICAL PROPERTIES (VARIES BY COLOR)

Maximum Service Temperature	140°F (50°C) in continuous service
Volume Solids	47.5 +/- 2%
Weight Solids	66.5 +/- 2%
Theoretical Coverage Per Gallon	760 ft <sup>2</sup> @ 1 mil DFT

Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.

Suggested Film Thickness	2 +/- 0.5 mils DFT
Salt Spray Resistance	300+ hrs
Gloss	Flat
Package Size	5 gal pail
Shelf Life	1 year minimum

### STORAGE CONDITIONS

Store in a dry, well-ventilated area. Storage conditions should be between 32°F (0°C) and 120°F (48°C).

This product may settle during transit or storage. Agitate well before each use.

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### VOC REGULATIONS (VARIES BY COLOR)

VOC (as supplied)	3.45 +/- 0.25 lbs./gal
VOC (minus water and exempt solvent)	3.62 +/- 0.25 lbs./gal
Flash Point	See SDS/MSDS

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

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### SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.

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