

Strenex 220-103 Series Fast Dry W/B Spray Primer



GENERAL

DESCRIPTION

A fast-dry water-based shop primer for structural steel framing, steel joists, and general maintenance. This coating is intended to provide protection to structural steel during delivery, storage on site, and erection in an atmosphere comparable with SSPC Environmental Zone 1, normally dry.

SUGGESTED USES

As an 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:

- Very Low VOC
- Fast dry time
- Easy to apply
- Good 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

Gray (220D3-103)
Red (220R-103A) – Make-to-order, 250 gal minimum
Black (220B3-103) – Make-to-order, 250 gal minimum
White (220W3-103) – Make-to-order, 250 gal minimum



MIXING

MIX RATIO

Ready to use

REDUCTION

No thinning is required; if thinning is necessary, use Potable Water

POT LIFE

Not applicable.



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. To achieve the maximum benefits of the coating, this coating should be applied over cleaned or abrasive blasted substrates such as SSPC-SP 2, 3, 6, 7 or 10 surface preparations.

APPLICATION CONDITIONS

Do not apply if material, substrate or ambient temperature is below 50°F (10°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.

CLEAN UP THINNERS

Water



DRY TIMES

Cure time at recommended thickness @ 50% RH, with good air movement

	77°F (25°C)
To touch	<10 min
To handle	15-20 min
Recoat	60 min (minimum)
Hard dry	12 hrs



PHYSICAL PROPERTIES (VARIES BY COLOR)

Maximum Service Temperature	120°F (50°C) in continuous service
Volume Solids	39.0%
Weight Solids	53.0%
Theoretical Coverage Per Gallon	625 ft ² @ 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

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 40°F (5°C) and 110°F (43°C).

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

VOC REGULATIONS (VARIES BY COLOR)

VOC (as supplied)	0.06 lbs./gal (7.4 g/L)
VOC (minus water and exempt solvent)	0.15 lbs./gal (18.1 g/L)
Flash Point	See SDS

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

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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