

Strenex 216 Series W/B DTM Enamel



GENERAL

DESCRIPTION

216 Series is a one coat, water-based direct-to-metal enamel designed to provide corrosion protection and a semi-gloss finish in one coat when applied direct to marginally prepared steel substrates. This coating has excellent application properties and forms a tough, flexible, water-resistant, and corrosion resistant film.

SUGGESTED USES

As an industrial enamel coating for use by various fabricators and coaters in the general industrial segment where the following attributes are desirable:

- Low VOC
- Fast dry time
- Easy to apply
- Good corrosion resistance

COLOR

Black (216B3-100)
White (216W3-111) – Make-to-order, 250 gal minimum
*Custom colors available upon request



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. For best results, use abrasive blasting to clean the steel and create a blast profile.

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

	77°F (25°C)
To touch	30-45 min
To handle	60-90 min
To recoat:	60 min (minimum)
Hard dry	24 hrs



PHYSICAL PROPERTIES (VARIES BY COLOR)

Volume Solids	30.0%
Weight Solids	35.0%
Theoretical Coverage Per Gallon	480 ft ² @ 1 mil DFT

Suggested Film Thickness 2-4 mils DFT

Application by brush and roller may require additional coats to achieve recommended films thickness.

Gloss	60+ Gloss Units @ 60°
Package Size	5 gal pail
Shelf Life	1 year minimum
Flash Point	See SDS/MSDS

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 (VARIES BY COLOR)

VOC (as supplied)	0.95 lbs./gal (113.85 g/L)
VOC (minus water and exempt solvent)	2.15 lbs./gal (257.67 g/L)

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 SDS precautions. If mixed with other components, mixture will have hazards of all components.

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.

Revised: October 2019