

Strenex 217 Series W/B Acrylic DTM



GENERAL

DESCRIPTION

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

COMPATIBILITY WITH OTHER COATINGS

Always test for lifting, bubbling and adhesion to assure compatibility prior to full-scale painting. Contact your Axalta representative for specific recommendations.

COLOR

Black (217B3-108)

White (217W3-107) – Make-to-order, 250 gal minimum

Other colors available upon request



MIXING

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

	<u>77°F (25°C)</u>
To touch	30-45 min
To handle	60-90 min
Recoat	45 min (minimum)
Hard dry	24 hrs



PHYSICAL PROPERTIES

Maximum Service Temperature	120°F (50°C) in continuous service
Volume Solids	38.95% (+/- 2%)
Weight Solids	42.50% (+/- 5%)
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 2-3 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

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

VOC (as supplied)	0.44 lbs./gal (+/- 0.10 lbs./gal)
VOC (minus water and exempt solvent)	1.00 lbs./gal (+/- 0.10 lbs./gal)
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. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

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.

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Revised: June 2015