Strenex
140 Series S/B DTM Alkyd Enamel

GENERAL

DESCRIPTION
140 Series is a solvent-based, single component, air dry, Direct-To-Metal (DTM) alkyd 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. This product does not contain lead or chromate inhibitors.

SUGGESTED USES
140 Series is designed specifically for use in manufacturing facilities where fast dry and set properties are needed. This series is ideal for use in OEM operations where Direct-To-Metal application is used on steel tanks, piping, trailer manufacturing, steel components, structural steel construction and general anti-corrosive maintenance applications. This product may also be used with or without a primer in a variety of applications.

COLOR
Black (140B-354)
White (140W-355)
Other colors available upon request

MIXING

MIXING
Power mix product for 3-5 minutes to re-disperse any solids that may have settled during transit.

REDUCTION
This product is provided ready-to-spray; thinning is not normally required. If thinning is desired or clean-up needed, use one of the following: Tufcote 82 Super Flo & Gloss, Tufcote 8020, TY3810, or TY3819

POT LIFE
Unlimited (single package paint)

APPLICATION

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.

SURFACE PREPARATION
Formulated for application over minimally prepared substrates. However, for best long-term performance, this DTM should be applied over SSPC-SP 3, 6, 7 or 10 surface preparations. Abrasive blast profile should be < 1/3 final DFT. 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.

Designed for direct contact to metal substrates, but may be applied over existing, intact coatings. Test inconspicuous area for lifting or softening of existing coating prior to full application.

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.

Formulated to apply up to 4 mils DFT with a sag resistance of 8 mils Wet Film Thickness when applied in a mist coat / full coat with 50% overlapping cross-coat technique at 80˚F/50%R.H. Excessive wet film thickness will begin to sag, curtain and run and the through-dry of the resulting film will be retarded.

Avoid applying this product directly to hot (>110°F) substrates, as it may cause poor appearance.

DRY TIMES

Cure Schedule @ 80˚F / 50% R.H.

FIlm Build Dependent
To Touch = 3-4 hours
To Move Out of Booth = 3-4 hours
Full Cure = 24-36 hours

PHYSICAL PROPERTIES (VARIES BY COLOR)

Volume Solids	45-50%
Weight Solids	60-70%
Flash Point	See SDS
Gloss	70+ Gloss Units
Shelf Life	12 months
Recommended DFT	2-3 mils
Package Size	5 gal pail

VOC REGULATIONS (VARIES BY COLOR)

VOC (actual emissions): 3.23 lbs. /gal (387.35 g/L)
VOC (minus exempt): 3.34 lbs. /gal (399.94 g/L)

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

SAFETY AND HANDLING

This product contains flammable liquids. Keep away from heat, sparks or open flames. Use with adequate ventilation. If used in enclosed areas, proper air circulation must be provided and maintained during and after application until the coating is dry. The ventilation must be sufficient to prevent the solvent vapor concentration from rising to the lower explosion limit. (See SDS). Avoid prolonged contact with skin and avoid breathing of vapors or spray mist.

Proper handling and disposal of all paint, and paint related waste should be maintained. Use only fiberglass filters for spray booth operations. Follow OSHA regulation 1910.107 (CFR 29) pertaining to spray finishing. Dispose of used filters according to OSHA 1910.107(b) (5) (ii) to prevent spontaneous combustion of waste materials. Information on spray paint regulations and proper disposal may be obtained at the OSHA website www.osha.gov.

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