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## PRODUCT DATA SHEET



# TUFF-BOY 8000 LINE WATERBORNE 100% ACRYLIC DTM ENAMEL

### PRODUCT PROFILE

#### DESCRIPTION

Tuff-Boy 8000 is a premium, next generation DTM enamel that has been formulated with a unique 100% Acrylic cross linking resin with built-in rust inhibiting capabilities so that it may be applied to properly prepared, ferrous metal surfaces. Being 100% Acrylic, Tuff-Boy 8000 has excellent adhesion, durability and block resistance. Tuff-Boy 8000 is high hiding, easy to apply, and has good flow and leveling properties. Unlike traditional oil-based enamels, Tuff-Boy 8000 offers excellent color and gloss retention, will not yellow, is low odor and low VOC. When used with the Tuff-Boy Rust Stop primers, this product provides excellent corrosion protection for ferrous metals.

#### TYPICAL USE

This product is recommended for commercial, industrial and institutional applications over properly primed interior or exterior wood, metal, and masonry surfaces. This product may be used anywhere a traditional oil-based industrial enamel would be used and is ideal for use on heavy equipment, machinery, wainscots, structural steel, tanks, tractors, safety equipment, piping, hand rails and fences.

#### PRIMERS

Although a primer is not required with #8000 White on metal surfaces, for outstanding corrosion protection, all bare spots should be primed with the appropriate primer. A corrosion resistant metal primer is required for deep and neutral base colors. Prime interior wood and metal with #599 Enamel Undercoater or #699 Latex Enamel Undercoater. Prime exterior non bleeding wood with #235 100% Acrylic Undercoater, and bleeding woods with #160 Oil Undercoater. Prime ferrous metal surfaces with any of the Tuff-Boy Rust Stop Primers (#1022 White, #1024 Red or #1069 Gray) or #5-56 100% Acrylic All Purpose Metal Primer. Prime aluminum and galvanized surfaces with #697 Latex Bonding Primer or #235 100% Acrylic Undercoater. All unfilled concrete blocks should be filled with #470 Block Filler and then primed with #380 Perfik-Seal.

#### SURFACE PREPARATION

The surface to be painted should be dry and free of any dirt, chalk, loose or peeling paint, grease, mildew, oil, rust, or other foreign contaminants. Remove grease or oil from the surface with a detergent solution, rinse thoroughly, and allow the surface to completely dry. Repair/Caulk all cracks and fill all small holes or surface voids with putty or spackling compound and then sand to smooth finish, followed by dusting. Glossy enamel finishes should be sanded, dusted and primed the appropriate primer prior to application. All new masonry surfaces

require at least 30 days to cure and should not be painted if the pH of the masonry surface is above 10.0. If you have any questions about proper surface preparation check your surface preparation guide or consult your Farrell-Calhoun representative.

<b>COLOR</b>	Available in 5 standard safety colors and can be tinted to any pastel, deep, or neutral-based color in addition to any of our 1600 custom colors with universal colorants.
<b>FINISH</b>	Semi-Gloss @ 60° 35 - 45
<b>SOLIDS</b>	48.8% by weight/36.5% by volume
<b>THEORETICAL APPLICATION RATE</b>	580 square feet per gallon at 1.0 mil dry film thickness. Coverage figures do not include loss of material while mixing, porosity or irregularity of the surface to be painted, or application methods.
<b>RECOMMENDED SPREAD RATE</b>	Apply at 300 square feet per gallon to achieve a WFT of 5.3 Mils and a DFT of 2.0 Mils per coat. <u>On metal surfaces, two coats are required, if not using a corrosion resistant metal primer.</u>
<b>VOC</b>	95 grams per liter – White (May differ with color check MSDS)
<b>DRY TIME</b>	At 77°F and 50% relative humidity: One hour to dust, dirt and bug free, two hours to tack free, and four to eight hours to recoat.
<b>APPLICATION PRECAUTIONS</b>	Do not paint if the atmospheric temperature or the substrate temperature is below 45°F or above 90°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening.
<b>APPLICATION EQUIPMENT</b>	Conventional or airless spray, quality synthetic brush or roller cover.
<b>THINNING</b>	Thinning is not recommended.
<b>CLEAN-UP</b>	Warm, soapy water

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## SHIPPING & STORAGE

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<b>PACKAGING</b>	5 Gallon Pails and 1 Gallon Cans.
<b>WEIGHT/GALLON</b>	10.3 +/-0.1 Pounds - White
<b>STORAGE TEMPERATURE</b>	Minimum 35°F. Maximum 90°F.
<b>SHELF LIFE</b>	12 months at recommended storage temperature when stored in tightly sealed containers.
<b>FLASH POINT</b>	Water-based paint: Not applicable.

*The technical data contained in this data sheet is accurate to the best of our knowledge. No warranty is expressed or implied since the method of application and its intended use is beyond our control.*