



**TUFFY FAST DRY INDUSTRIAL ENAMELS**  
**BFD-1100 GLOSS BLACK**  
**BFD-1103 FLAT BLACK**  
**YFD-1107 CATERPILLAR YELLOW**  
**SP-810 SATIN BLACK**  
**SP-608 HAMBY YELLOW**  
**WFD-1100 WHITE**  
**GRFD-1101 UNIT RIG GRAY**

**DESCRIPTION:** These glossy industrial enamels have good adhesion, gloss retention and exterior durability.

**RECOMMENDED USES:** These fast drying enamels are recommended for use on properly prepared metal and wood surfaces.

**RECOMMENDED PRIMERS:**

P-501	Corrosion Resistant Brushable Primer
P-523	Fast Dry Phenolic Zinc Chromate Primer
P-569	High Solids Red Oxide Primer
P-583	High Solids Gray Oxide Primer
TS-140	Epoxy Primer

**TECHNICAL DATA**

(Based on WFD-1100 White)

<u>THEORETICAL COVERAGE:</u> 566 sq. ft. per gallon at 1.0 mil dry	<u>GLOSS:</u> 90+ at 60°
<u>RECOMMENDED DRY FILM THICKNESS:</u> 1.5-2.0 mils dry per coat	<u>WEIGHT/GALLON:</u> 9.53 lb.
<u>DRYING TIME @ 70° F., 50% R.H.:</u> To Touch: 20 minutes To Handle 1-3 hours To Recoat: Before 2 hours; After 24 hours Dry Hard: 8 hours	<u>VISCOSITY:</u> 45-60 seconds #4 Ford Cup <u>ENVIRONMENTAL CODES:</u> V.O.C. 4.77 lb./gallon <u>THINNER:</u> R-688 <u>SOLIDS CONTENT:</u> 32.2% by volume <u>TEMPERATURE LIMIT (DRY):</u> 200° F. <u>FLASH POINT:</u> 55° F. (T.C.C.)

**IMPORTANT INFORMATION**

Do not apply when the air, surface or product temperature is below 50° F. (15.5° C.). Do not apply at any temperature when the ambient air temperature is within 5° F. (3° C.) of the dew point to prevent moisture from condensing on the surface to be painted or on the freshly painted surface.

### **SURFACE PREPARATION**

Surfaces to be painted must be free from rust, loose paint, dirt, oil, wax, soap residue and grease. Follow Steel Structures Painting Council specification SP2-63 for "Hand Cleaning."

**UNPAINTED SURFACES (METAL):** Clean thoroughly, remove corrosive deposits and allow to dry. Prime aluminum or ferrous metal surfaces with TCI's P-523 Primer and galvanized surfaces with TCI's TS-140. **(WOOD):** New or unpainted exterior wood should first be primed with TCI's AE-1100 Primer.

**PREVIOUSLY PAINTED SURFACES:** Glossy areas should be dulled with sandpaper, while other surfaces in good condition need only be solvent wiped. Surfaces in poor condition should be repaired and suitably primed.

### **APPLICATION**

Intended to be applied by spray equipment. If brushing, addition of up to one pint per gallon of Mineral Spirits will be necessary. Care must be taken to prevent brush marks.

### **THINNING**

Use up to one quart of TCI's R-688 Reducer per gallon. In the event that atmospheric conditions cause these products to give dry overspray or not hold a sufficient wet edge, then the addition of TCI's R-088 Retarder (not to exceed one pint per gallon) will help to control performance. Excess thinning will reduce the hiding power.

### **HANDLING PRECAUTIONS**

**WARNING: Flammable!**

Keep away from heat and open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

**KEEP OUT OF REACH OF CHILDREN.**

These products and any recommended thinner contain solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safety usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer's recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.