



TUFFY FAST DRY GLOSS ENAMEL BLACK BFD100 BLACK

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

P501	Zinc Chromate Red Oxide Primer
P523	Fast Dry Phenolic ZC Primer Gray Green
P569	High Solid LF Red Oxide Primer (2.9 VOC)
P583	High Solids LF Gray Oxide Primer (3.5 VOC)
TS140	Tec Seal Epoxy Primer Gray
DTM	Acceptable

TECHNICAL DATA

Theoretical Coverage:
531.0 square ft/ gallon @1 Mil

Weight Per Gallon:
7.997± 2%

Solid Content:
40.63% (Wt.) 33.10% (Vol.)

VOC (less water):
4.74 Lbs./ Gal

Recommended Dry Film Thickness
1.5 – 2.0 Mills dry per coat

Drying Time @70°F, 50%RH

To Touch: 20 minutes

To Handle: 1 – 3 Hours

Dry Hard: 8 Hours

Recoat: Before 2 Hours: After 24 Hours

Gloss @60°angle:
90+

Viscosity:
55 – 60 #4 Ford Cup

Organic Solvent:
59.36% (Wt.) 66.90% (Vol.)

Environmental Codes:
Lead or Chromate Free

Temperature Limit (Dry):
200°F

Flash Point:
55°F (TCC)

IMPORTANT INFORMATION

- Higher relative humidity increases dry time, provide air movement.
- Do not apply if surface, air or product temperature is below 50°F, or at any temperature when ambient air temperature is below 5°F of the dew point to prevent moisture from condensing on the surface on the surface to be painted on the freshly painted surface.
- Store at room temperature if possible.

SURFACE PREPARATION

Surfaces to be painted must be dry and free from dirt, loose paint, oil, grease, wax, and other contaminants. All heavy rust and loose mill scale must be removed. Follow SSPC SP2-63 "Hand Cleaning" instructions.

Unpainted surfaces (metal): Clean thoroughly, remove corrosive deposits and allow

to dry. Prime aluminum or ferrous metal surfaces with TCI's P523 Primer and galvanized surfaces with TCI's TS100.

Wood: New or unpainted exterior wood should first be primed with TCI's AE1100 Primer.

Previously Painted Surfaces: Glossy areas should be dulled with sandpaper while other surfaces in good condition need only 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. If atmospheric conditions cause these products to give overspray or not hold a sufficient wet edge, then the addition of TCI's R-088 Hot Weather 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 or 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.

For industrial use only.

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 safest 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.