



TUFFY INDUSTRIAL ENAMELS

B-50 Black	BR-50 Medium Brown	W-50 White
BL-51 National/Safety Blue	GR-53 Battleship Gray	W-55 Fleet White
BL-54 Patterson Blue	GR-55 Ford Gray	W-57 Ivory
BL-55 Oil Field National Blue	GR-57 Unit Rig Gray	W-58 Ford White
G-54 John Deere/Safety Green	OR-51 Safety Orange	Y-54 John Deere/Safety Yellow
G-55 Equipment Green	OR-54 Omaha Orange	Y-55 Caterpillar Yellow
G-56 Emsco Green	R-55 Safety Red	Y-56 School Bus Yellow

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

RECOMMENDED USES: These enamels are recommended for use on properly prepared metal, wood or masonry surfaces. They are ideal for plant equipment, elevated and ground storage tanks, and process equipment in refineries.

RECOMMENDED PRIMERS: P-569 High Solids, Low VOC Red Primer
P-583 High Solids, Low VOC Gray Primer

TECHNICAL DATA

(Based on W-50 White)

THEORETICAL COVERAGE: 600-625

sq. ft. per gallon at 1.0 mil dry

RECOMMENDED DRY FILM THICKNESS:

1.5-2.0 mils dry per coat

DRYING TIME @ 70° F., 50% R.H.:

To Touch: 60-90 minutes

To Handle 4-8 hours

To Recoat: 8 hours

SOLIDS CONTENT: 38% by volume

GLOSS: full gloss

WEIGHT/GALLON: 9.4 lb.

VISCOSITY: 68-75 Krebs Units

ENVIRONMENTAL CODES:

V.O.C. 4.05 lb./gallon

TEMPERATURE LIMIT (DRY): 200° F

THINNER: Mineral Spirits, VM&P

FLASH POINT: greater than 101° F.

PACKAGING: Fives and ones

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: On ferrous metals, the following TCI primers are recommended: P-569 and P-583. New or unpainted exterior wood should be primed with AE-1100. For new or unpainted interior wood, first coat with EU-1201 Enamel Undercoater. Masonry should be thoroughly dry and primed with AE-1100 Acrylic 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

Brush, roller, conventional or airless spray. Care must be taken when brushing to avoid brush marks.

THINNING

These products are supplied at brushing consistency. Should thinning be necessary, use up to one quart of TCI's 301-501 (Mineral Spirits) per gallon. For spray applications, reduce with VM&P. 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

CAUTION: COMBUSTIBLE!

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.

This product and any recommended thinner contains 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.