

# BENNETTE

PAINT MFG. CO., INC.  
PRODUCT DATA

## ACRYLIC DTM ENAMEL 31 series

**DESCRIPTION:** A waterborne coating designed for direct to metal application. This product is quick drying, chalk resistant, and cleans up with water. It also provides flash rust protection for properly cleaned metal.

**SUGGESTED USES:** Interior-exterior use where one coat protection is required for properly prepared surfaces such as: steel, galvanized metal, and aluminum

**COLORS:** White. Available in custom colors for orders of 50 gallons or more.

**FINISH:** Semi-Gloss

**GLOSS:** 50-60°/60° (dark colors may have lower gloss)

**VEHICLE TYPE:** 100% Waterborne Acrylic

**RECOMMENDED COVERAGE RATES:**

Approximately 400 sq. ft. per gallon @:  
4.0 mils wet film thickness  
1.6 mils dry film thickness

**DRY TIME (@ 77°F and 50% rel. humidity):**

To Touch: 30 minutes  
To Recoat: 8 hours

**MIN/MAX TEMP @ APPLICATION:**

50°F min / 95°F max

**WEIGHT PER GALLON:** 11.2 lbs.

**VISCOSITY:** 90-95 KU (±2KU)

**SOLIDS CONTENT:**

By Weight: 52% (±1)  
By Volume: 40% (±1)

**FLASH POINT:** Combustible

**V.O.C.:** 1.3 lb/gal (156 g/L)

**RECOMMENDED APPLICATION EQUIPMENT:**

Brush - Quality synthetic brush, such as Purdy  
Nylox-Swan or Wooster Ultra Pro.  
Roll - Synthetic such as Kodawool or Pro Doo-Z,  
1/4" - 3/8" nap  
Spray - Graco or Titan Airless - tip size .015 - .017

**THINNING INSTRUCTIONS:** Do not thin. Thinning will reduce solids and can result in flash rusting.

**CLEAN UP:** Clean brushes, rollers, and spray equipment immediately after use with warm, soapy water.

**SURFACE PREPARATION:** *Previously painted surfaces* - Dull glossy surface by sanding. Must be clean and dry. Check adhesion to suspected oil/alkyd enamels by applying a test patch. If an adhesion problem is observed, prime surface with proper primer. New galvanized metal should be cleaned with Bennette Acetone (330005) or other cleaner approved by Bennette to remove all residual oils, etc. for proper adhesion.

*New Surfaces* - Self priming on most metal surfaces, however, severe environments or oxidized metal may require a rust inhibitive primer. See "Recommended Bennette Primers" section below.

**RECOMMENDED BENNETTE PRIMERS:**

<i>Ferrous Metal</i>	Acrylic Metal Primer, Red	80228
	Acrylic Metal Primer, White	80227
<i>Galvanized Metal</i>	Acrylic Metal Primer, Red	80228
	Acrylic Metal Primer, White	80227

**FORMULATED WITHOUT LEAD OR MERCURY**

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