

**704 Series**

DATA SHEET

# EcoLogic DTM Acrylic Enamel

## Gloss Water-Borne Enamel

### General Properties

EcoLogic DTM Enamel is a water-borne, direct-to-metal gloss enamel primarily for spray application to bare, primed or previously painted substrates. This product has excellent adhesion, gloss and color retention properties combined with good corrosion and chemical resistance characteristics when exposed in a mild to moderately aggressive environment. EcoLogic DTM is non-flammable, low odour and is VOC compliant to Environment Canada's regulations.

### Recommended Uses

Designed for use on properly prepared ferrous or non-ferrous metals, concrete, most plastics and masonry. Ideal for use on tanks, waste bins, equipment, gas cylinders, machinery in pulp mills, processing plants, sawmills, manufacturing plants or other applications.

### Product Information

**GENERIC TYPE**

Water-borne Acrylic

**PIGMENT TYPE**

Lead-free Lightfast Pigments

**COLOR**

White and Custom Colors

**BASES**

70413 White, 70401 Deep, 70402 Neutral

**FINISH**

Gloss &gt; 75 units @ 60°

**AVERAGE VOLUME SOLIDS**

36%

**AVERAGE WEIGHT SOLIDS**

48%

**RECOMMENDED FILM THICKNESS**

Wet: 6 - 7.5 mils

Dry: 2 - 2.5 mils

See your Cloverdale Representative for project recommendations.

**THEORETICAL COVERAGE**577 ft<sup>2</sup>/gal @1 mil (25 microns) DFT14.17 m<sup>2</sup>/L @ 1 mil (25 microns) DFT

Actual coverage may vary depending on substrate and application methods.

**VISCOSITY**

90 - 95 K.U.

**TEMPERATURE RESISTANCE (DRY)**

90°C (194°F) Continuous

100°C (212°F) Intermittent

**V.O.C. AS APPLIED**

Less than 198 g/L (1.65 lbs/gal)

**THINNER**

Water

### Methods of Application

**AIRLESS SPRAY**

1800 - 2000 p.s.i.. tip pressure, .011" - .013" orifice diameter

**H.V.L.P.**

10 p.s.i.. cap pressure, 1.3 - 1.5 fluid tip size

**CONVENTIONAL**

50 - 70 p.s.i.. air pressure, 1.3 - 1.5 tip size

**BRUSH / ROLLER**

Synthetic bristle brush, lint-free roller

**Drying Time** - Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Normal
25°C (77°F)	1 hour	6 hours	12 hours	indefinite	24 hours

## Recommended Primer

<b>STEEL</b>	EcoLogic Rustex grey 70324 or red 70329 / Self Priming
<b>CONCRETE</b>	Self Priming
<b>GALVANIZED</b>	Self Priming
<b>FACTORY FINISHED METAL</b>	71007 ClovaBond or Self Priming

## Surface Preparation

All surfaces must be clean, dry and free of oil, grease, waxes or other surface contaminants. A minimum SSPC-SP3 Power tool cleaning is recommended for bare steel, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance. Improved corrosion performance will be achieved with the use of an anti-corrosive primer. Existing paints should be in sound condition and tightly adhering. Factory -applied, baked-on finishes may require a bonding primer. A test patch is recommended.

## Limitations

Not for immersion service or other continuous moisture exposure. Observe recommended film builds. Do not apply when ambient or substrate temperature is below 10°C (50°F) or higher than 35°C (95°F.) Or humidity levels greater than 85%. Keep Product from Freezing.

## Mixing Instructions

Mix well before using. Keep containers tightly sealed when not in use.

## Safety Precautions

This product is for industrial use only. **Refer to Material Safety Data Sheet for proper health and safety information.**

## Storage and Handling

<b>FLASH POINT</b>	N/A
<b>PRODUCT WEIGHT</b>	9.5 lbs/gal (container extra)
<b>STORAGE</b>	Keep from freezing.
<b>PACKAGE SIZE</b>	1 gallon, 5 gallon pail

Some package sizes or colors may be by special order only. Please check with your Cloverdale Representative when ordering.

## Warranty Disclaimer

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

Check for recent amendments to this data sheet at [www.cloverdalepaint.com](http://www.cloverdalepaint.com)



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