

## **TECHNICAL DATA SHEET**

### **AUTOCOTE ENAMEL – DI024**

#### **DESCRIPTION:**

- **AUTOCOTE ENAMEL** is a high quality, high gloss, light fast enamel for use where good durability is required.
- **AUTOCOTE ENAMEL** has very good application properties and can be used over properly primed metal and masonry surfaces.
- **AUTOCOTE ENAMEL** is compatible with most alkyd primers.
- **AUTOCOTE ENAMEL** provides excellent protection in mild environments.

#### **Recommended use:**

- **AUTOCOTE ENAMEL** is a finish coat for normal atmospheric exposure, for the protection of plant and agricultural equipment and exterior steel work.

#### **Not recommended use:**

- **AUTOCOTE ENAMEL** should not be immersed in water.
- **AUTOCOTE ENAMEL** should not come in contact with acids, alkalis or strong solvents.

#### **FEATURES:**

- |                           |   |
|---------------------------|---|
| • APPEARANCE              | High Gloss                                      |
| • VOLUME SOLIDS (Typical) | 40% may vary slightly depending on the colour.  |
| • S G @ 25°C (g/ml)       | 0.94 may vary slightly depending on the colour. |
| • RECOMMENDED DFT         | MIN.: 20µm    MAX.: 30 µm per coat.             |
| • VISCOSITY @ 25°C (ku)   | 63 to 68 Ku                                     |

#### **DRY FILM PROPERTIES:**

- |                           |   |
|---------------------------|---|
| • Flexibility:            | Excellent   |
| • Weathering:             | Excellent   |
| • Abrasion Resistance:    | Very good   |
| • Temperature Resistance: | Continuous: 92°C                      Non-Continuous: 121°C |
| • Blocking Resistance:    | Excellent after full curing.                                |

#### **COMPOSITION:**

Alkyd Resin

#### **SURFACE PREPARATION:**

- **New Work:** Surfaces should be clean and dry. Apply over properly primed metal, masonry surfaces, or others as recommended.
- **Previously painted surfaces:** Surfaces must be clean, dry and free of dirt and grease. The hard dry film should be lightly sanded to break the surface.

#### **APPLICATION PROPERTIES:**

- |                                     |                                    |
|-------------------------------------|------------------------------------|
| • Recommended no. of coatings:      | 1 - 2. (Depending on DFT required) |
| • Method:                           | Air / Airless spray recommended    |
| • Theoretical Coverage @ 30 microns | 15m <sup>2</sup> per LT            |
| • Practical Coverage at 30 microns  | 10-12 m <sup>2</sup> per LT        |

- Drying time at 25°C
  - Over coating time at 25°C
  - Thinning
  - Cleaning Solvent
  - Recommended system
  - Top Coat:
- Surface dry: 5 Hrs                      Hard Dry: 12 Hrs  
8 Hours
- Autocote thinners, used sparingly.  
Cleaning Thinners or Autocote Thinners.
- Use as a top coat over ZPP Primer, Etch Primer or Water based primer (Hydro Primer)
- Do not overcoat with QD enamel.**  
A second coat is optional for decorative appeal or protection requirements

### **STORAGE STABILITY:**

- Storage conditions:      Normal
- Shelf Life:                      12 months

### **PRODUCT PACKAGING:**

- 5LT / 20LT / 200lt

### **COLOURS:**

- Black - Standard
- White - Standard
- Moolman Green - Standard
- Moolman Yellow - Standard
- Aluminum - Standard
- Other colours to customers spec

### **SAFETY PRECAUTIONS:**

- Keep out of reach of children.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- If ingested give plenty of water. Do not induce vomiting. Seek medical attention.
- Refer to the Material safety data sheet (MSDS) of **AUTOCOTE ENAMEL**

### **DISCLAIMER:**

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our experiences and tests and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control. Technology may change with time necessitating changes to this Technical Data Sheet (TDS)/MSDS. It is the responsibility of the user to ensure that the latest TDS is being used. See [www.durapaints.co.za](http://www.durapaints.co.za) for the latest version.



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