

## **TECHNICAL DATA SHEET**

### **FLOORKOTE ENAMEL – DI023**

#### **DESCRIPTION:**

- **FLOORKOTE ENAMEL** is a high quality alkyd/urethane blend suitable for interior or exterior use on floors.
- **FLOORKOTE ENAMEL** is characterised by very good flow and leveling.

#### **Recommended use:**

- **FLOORKOTE ENAMEL** is designed for use in light industrial service as a floor coating.

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

- **FLOORKOTE ENAMEL** should not be immersed or come in contact with acids, alkalies or strong solvents.

#### **FEATURES:**

- |                         |   |
|-------------------------|---|
| • APPEARANCE            | Semi Gloss  |
| • SOLIDS                | 40% May vary slightly depending on colour.  |
| • S G @ 25°C (g/ml)     | 1.0 – 1.1 (Depending on colour)   |
| • RECOMMENDED DFT       | 30µm - 50µm per coat  |
| • VISCOSITY @ 25°C (ku) | 75 to 80Ku  |
| • DRYING TIME (25°C)    | Surface Dry: 24 HRS (Light traffic i.e. walking)<br>Hard Dry: 48 HRS (Heavy traffic i.e. forklifts) |

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

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

#### **SURFACE PREPARATION:**

- New Work: Surfaces should be clean and dry and then primed with the appropriate primer.
- Previously painted surfaces: Surfaces must be clean and dry and primed with the appropriate primer. The hard dry film should be lightly sanded to give a smooth finish.
- Cement should be acid etched, rinsed and allowed to dry. It is highly recommended to apply one coat of concrete primer before applying floorkote.

#### **APPLICATION PROPERTIES:**

- |  |  |
|--|--|
| • Recommended no. of coatings:   | 2.                                     |
| • Method:  | Mohair Roller or brush                 |
| • Practical Coverage at 50 microns   | 8-9 SQ m <sup>2</sup> per LT           |
| • Drying time at 25°C  | Light Traffic: 24 Hrs Hard Dry: 48 Hrs |
| • Over coating time at 25°C  | 16 Hours                               |
| • Thinning   | Not recommended.                       |
| • Cleaning Solvent   | QD or Lacquer Thinners.                |
| • <u>Do not apply if the floor or ambient temperature is less than 10°C.</u> |  |

## STORAGE STABILITY:

- Store away from direct sun, heat and severe cold. Do not exceed 50 ° C. Keep containers tightly closed.
- Shelf Life: One year.

## PRODUCT PACKAGING:

- 5LT / 20LT

## COLOURS:

- Red
- Green
- Battleship Grey
- Navy Light Grey
- Yellow
- Black

## 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 **FLOORKOTE 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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