

## TECHNICAL DATA SHEET

# SUPERCOTE 603

## ALKYD ENAMEL SEMI-GLOSS

### Product Description:

A Superior quality enamel based on modified alkyd containing titanium dioxide and other high-grade color-fast pigments to provide a tough, durable and hardwearing semi-gloss finish. It conforms to Kuwait Standard Specification KWS 884/2018.

### Features:

It has excellent flow, film build-up, hiding power, color and gloss retention properties. It also has high washability and stain resistance properties.

### Recommended use & Substrate:

It is recommended to apply on suitably primed concrete, plaster walls, wood, steel, and gypsum surfaces where semi-gloss finish is required.

### Product Data:

Finish	: Smooth & Semi-gloss
Color	: White, colors & Bases
Specific gravity	: $1.20 \pm 0.05$ (for white & pastel shades)
Volume Solids	: $45 \pm 2\%$ theoretical
Recommended WFT	: 88-111 microns/Coat
Recommended DFT	: 40-50 microns/Coat
(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)	
Theoretical Coverage	: $11.2 \text{ m}^2/\text{l}$ @ 40 microns DFT
Flash Point	: $> 35^\circ\text{C}$
Drying Time	: Related to weather condition, temperature, air circulation, Film thickness, number of coats applied and the relative humidity.
Touch dry@ $30^\circ\text{C}$	: 1-2 hours
Hard dry @ $30^\circ\text{C}$	: 24 hours
Over coating Interval	: 12 hours Minimum
V.O.C.	: $< 475 \text{ gm/l}$
Pack Size	: white/color-18 & 3.2 liters, bases 16, 3.2 & 0.8 liters
Shelf Life	: 24 months from the date of manufacturing.

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### Surface Preparation:

All surfaces must be dry, clean, free of all grease, dirt, lose or powdery materials and efflorescence etc. Mold or mildew must be removed by washing with a chlorine bleach solution.

### Coating System: (For metal substrates)

Primer: SUPERCOTE 109/110/111/333  
 Undercoat: SUPERCOTE 600 – 1 COAT  
 Topcoat: SUPERCOTE 603 – 2COATS

### Coating System: (For Concrete/Plaster)

Primer: SUPERCOTE 106/102  
 Putty: SUPERCOTE 200/201  
 Undercoat: SUPERCOTE 600  
 Topcoat: SUPERCOTE 603

### Condition during application:

The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air.

### Thinning:

Mix thoroughly and add maximum 5-10% by Volume of Thinner No.1 depending upon surface porosity and method of application.

### Application Data:

This product can be applied by Brush, Roller, Airless spray and Conventional Spray.

### Health and Safety:

Wear appropriate protection such as gloves, goggles, face mask, barrier creams  
 Provide adequate ventilation  
 Avoid eye or skin contact  
 Close container after use

### Storage:

The product must be stored in a dry, cool, well-ventilated area and away from source of heat and ignition, also must be kept tightly closed.

### Disclaimer:

The information in this document is given to the best of KPC Paint's knowledge that based on laboratory testing and practical experience Products are often used under conditions beyond KPC's control and KPC Paints cannot guarantee anything but the quality of the product itself.

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