

TECHNICAL DATA SHEET

SUPERCOTE 605

ALKYD ENAMEL ALUMINIUM

Product Description:

A specially formulated Aluminum paint incorporating Leafing Aluminum pigment and a durable protective resin, provides a brilliant metallic finish and exceptional durability. The bright metallic finish of the paint acts as a good heat reflector

This product conforms to Kuwait Standard Specification KSS 20/1994.

Features:

It provides a very high standard of protection to a wide variety of steel surfaces when used with appropriate anti-corrosive Primer.

Recommended use & Substrate:

It is recommended for interior and exterior use as a high performance, protective finishing paint for all types of structural steels.

Product Data:

Finish	: Highly reflective
Color	: Bright Aluminium
Specific gravity	: 0.98 ± 0.02
Volume Solids	: $30 \pm 2\%$ theoretical
Recommended WFT	: 83-100 microns/Coat
Recommended DFT	: 25-30 microns/Coat
(Minimum and maximum spreading rate depends on dry film thickness applied, surface porosity, temperature and the wastage during the application)	
Theoretical Coverage	: $12 \text{ m}^2/\text{l}$ @ 25 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°C	: 30-45 minutes
Hard dry @ 30°C	: 6-8 hours
Over coating Interval	: 12 hours Minimum
V.O.C.	: $< 400 \text{ gm/l}$
Pack Size	: 18 & 3.2 liters
Shelf Life	: 24 months from the date of manufacturing.

SUPERCOTE 605

ALKYD ENAMEL ALUMINIUM

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:

Operating Temperature below 100°C

Primer	1 Coat	SUPERCOTE 111
Finish	2 Coats	SUPERCOTE 605

Operating Temperature above 100°C

Primer	1 Coat	SUPERCOTE 605
Finish	2 Coats	SUPERCOTE 605

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 % 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.

Date of issue 22.02.2021. Please note that this data sheet supersedes the previous version.