
TECHNICAL DATA SHEET

**KS03
ANTICORROSIVE TOPCOAT**

DESCRIPTION

Product Description	Air-drying matt topcoat based on modified alkyd resins. It was developed for high corrosion resistance and fast drying property demands of metal industry.
Intended Use	<ul style="list-style-type: none">• Can be used as an anticorrosive topcoat for protection of steel in corrosive atmospheres.
Characteristic Properties	<ul style="list-style-type: none">• High durability against corrosion• Short handling time

PRODUCT PROPERTIES

Color	Black
Gloss Level	Matt
Mixing Ratio	Material is supplied in one container. Base = KS03 Thinner = TK0001 : 15-20 % by volume (depends on app. condition)
Solids (by volume)	% 35-39
Suggested Thickness	40±5 microns dry film
Theoretical Coverage	Approximately 9.25 m ² /L (40 microns dry film) The practical coverage depends on the factors, such as shape of the construction, roughness of the substrate, method and conditions of application. A guideline for spraying is: Large areas: Approx. 70% of the theoretical coverage. Small areas: Approx. 50% of the theoretical coverage.
Application Method	Conventional spray

STORAGE AND SAFETY INFORMATION

Storage	Store in a well ventilated and dry conditions at temperatures between 10 - 40°C. The packaging should not be exposed to direct sunlight. The shelf lives of the product is at least 6 months in unbroken original package, under mentioned storage conditions.
Warnings	See label for precautions. The user of this product is required to comply with the national statutory regulations for health, safety during transportation and at work and waste disposal. See the MSDS for detailed information.

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APPLICATION INFORMATION

Surface Preparation

Performance of this product depends upon the degree of surface preparation. All surfaces to be coated should be completely clean, dry and free from contamination. ISO 8501-1 Sa 2^{1/2} abrasive blasting is recommended.

Application Conditions

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C above the dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying. Ideal application temperature is 5°C - 40°C at 65% RH.

Product Preparation

Material is supplied in one container.
Base (Comp A) = KS03

-Stir Base part with power agitator well before application.

Application Method, 20°C

Equipment	Conventional Spray
Thinner	TK0001
Dilution	15-20 % by volume
Nozzle Pressure	4 – 6 bars
Nozzle Size	1.4 – 1.8 mm

Drying Time, %65 RH (for 40 microns DFT)

Dust Dry : 2-6 min. / 20°C
Touch Dry : 6-12 min. / 20°C
Hard Dry : 5-6 days / 20°C

Packaging

	Volume (litres)	Size of containers (litres)
Base =	20	25

The effectiveness of our systems is based on many years' practical experience and laboratory research. We guarantee that the quality of the work performed in accordance with our systems meets the Kansai Altan standards, provided that our instructions are followed carefully and the work is performed in accordance with the requirements as to good craftsmanship. We decline any responsibility, if the final result is affected by factors beyond our control. The customer has to determine the suitability of the delivered products for the intended application by using the means which normally are at his/her disposal.

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