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**TECHNICAL DATA SHEET**

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**KS82  
SENTEPOL ENAMEL**

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**DESCRIPTION**

<b>Product Description</b>	Air-drying topcoat based on modified alkyd resins. Developed for good exterior durability and semi-gloss property requirements of general industry.
<b>Intended Use</b>	<ul style="list-style-type: none"><li>• Can be used as a topcoat for protection of steel structures where short drying time are preferred.</li></ul>
<b>Characteristic Properties</b>	<ul style="list-style-type: none"><li>• High film build</li><li>• Short handling time</li></ul>

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**PRODUCT PROPERTIES**

<b>Color</b>	All shades are produced upon request.
<b>Gloss Level</b>	Matt
<b>Mixing Ratio</b>	Material is supplied in one container. Base = KS82 Thinner = TK0001 : 10-20 % by volume (depends on app. condition)
<b>Solids (by volume)</b>	% 44-48
<b>Suggested Thickness</b>	45±10 microns dry film
<b>Theoretical Coverage</b>	Approximately 10.22 m <sup>2</sup> /L (45 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.
<b>Application Method</b>	Conventional spray

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**STORAGE AND SAFETY INFORMATION**

<b>Storage</b>	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 12 months in unbroken original package, under mentioned storage conditions.
<b>Warnings</b>	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<sup>1/2</sup> 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 = KS82  
  
-Stir Base part with power agitator well before application.

**Application Method, 20°C**

Equipment	Conventional Spray
Thinner	TK0001
Dilution	10-20 % by volume
Nozzle Pressure	4 – 6 bars
Nozzle Size	1.4 – 1.8 mm

**Drying Time, %65 RH**  
(For 45 microns DFT)

Dust Dry	: 3-5 min. / 20°C
Touch Dry	: 6-12 min. / 20°C
Hard Dry	: 5-6 days / 20°C

<b>Packaging</b>	Volume (litres)	Size of containers (litres)
Base =	20	25

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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.

Issue Date : 30/07/2017 (It is the user's responsibility to check that this sheet is up to date)  
Reference No : TDS / KS82/ 00