
TECHNICAL DATA SHEET

VS01

MONOACRYTAN TOPCOAT

DESCRIPTION

Product Description	It is a single component, acrylic modified resin based, matt and solid colored topcoat series that can be applied directly to metal surfaces. It is preferred in areas where fast surface drying and atmospheric outdoor resistance stand out.
Intended Use	<ul style="list-style-type: none">• It is suitable to use directly to metal in various industrial structures (construction and prefabricated sectors and etc.).• It is suitable for touch-up and maintenance of existing acrylic topcoats in the steel construction and on-vehicle equipment sectors.
Characteristic Properties	<ul style="list-style-type: none">• Due to its single component, it can be applied on site for maintenance purposes.• It stands out with its good leveling and excellent outdoor resistance.• It shortens the time in touch-up and maintenance processes with its fast physical drying.• It has high UV resistance in atmospheric environment with its modified acrylic resin

PRODUCT PROPERTIES

Color	Range of shades upon request
Gloss Level	Matt
Mixing Ratio	Material is supplied in one container. Base (Comp A) = VS01 Series Thinner = TF0001 : 10 % by weight (depends on app. condition)
Solids (by volume)	% 42-46
Suggested Thickness	50±10 microns dry film
Theoretical Coverage	Approximately 8.8 m ² /L (50 microns dry film*) Approximately 7.6 m ² /kg (50 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 (base) is at least 12 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 All surfaces to be coated should be completely clean, dry and free from contamination (SSPC SP-1).

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 10°C - 40°C at 65% RH.

Product Preparation Material is supplied in one container.
Base (Comp A) = VS01 Series

-Stir Base part with power agitator well before application.

Application Method, 20°C

Equipment	Conventional Spray
Thinner	TF0001
Dilution	10 % by weight
Application Viscosity	20-25 sec./DC 4/20°C
Nozzle Pressure	2 – 4 bars
Nozzle Size	1.8 – 2.0 mm

Drying Time, %65 RH (for 25 microns DFT)	Surface Temperature	<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Touch Dry	20 minutes	10 minutes	<5 minutes

Packaging Base = Weight (kg)
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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.

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