

TECHNICAL DATA SHEET**KS72MG
POLYFLEX ENAMEL****DESCRIPTION**

Product Description	One component, air-drying, aluminum pigment containing topcoat based on modified alkyd resins. Developed for glossy topcoat demands of metal industry which is suitable for brush applications. Heat resistant up to 200°C on carbon steel surfaces when applied recommended dry film thicknesses.
Intended Use	<ul style="list-style-type: none">It is used as a topcoat in areas where brush application is required for painting steel surfaces and where high temperature resistance up to 200°C is required.
Characteristic Properties	<ul style="list-style-type: none">Heat resistant up to 200°C

PRODUCT PROPERTIES

Color	Metallic grey
Gloss Level	High Gloss
Mixing Ratio	Material is supplied in one container. Base (Comp A) = KS72MG Thinner = TK0004 : 20-30 % by weight (depends on app. condition)
Solids (by volume)	%47±3
Suggested Thickness	40±5 microns dry film
Theoretical Coverage	Approximately 11.75 m ² /L (40 microns dry film) Approximately 11 m ² /kg (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, Brush, Roller

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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POLYFLEX ENAMEL****APPLICATION INFORMATION****Surface Preparation****For carbon steel surfaces;**

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 5°C - 40°C at 65% RH.

Product PreparationMaterial is supplied in one container.
Base (Comp A) = KS72MG

-Stir Base part with power agitator well before application.

Application Method, 20°C

Equipment	Conventional Spray	Brush / Roller
Thinner	TK0004	TK0004
Dilution	Up to 30 % by weight	Up to 20 % by weight
Application Viscosity	20±2 sec./DC 4/20°C	35±5 sec./DC 4/20°C
Nozzle Pressure	2 – 4 bars	-
Nozzle Size	1.8 – 2.0 mm	-

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

Surface Temperature	10°C	20°C	30°C
Touch Dry	10 hours	5 hours	2 hours

PackagingBase = Weight (L)
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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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