



KOFLUX TOPCOAT YJ2443(S) is a polyvinylidene fluoride resin (HYLAR5000, KYNAR 500) based finish containing high quality pigments.

It has excellent weathering, corrosion, chemical and abrasion resistance.

Meets the requirements of AAMA 2605 Specification.

Recommended use	As a topcoat of high performance organic coating systems on architectural extrusions and panels where special weathering and durability is required without repainting.
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Physical Properties

Finish and Color	Semi-gloss. Metallic colors, Clear. Colors are depending on KCC's KOFLUX standard color card.
Specific gravity	1.1 – 1.3 (Kg/L) according to color.
Solids by volume	26 – 30% according to color.
Spreading rate (Theoretical)	* Metallic : 10 – 12m ² /L. in 25 microns dry film thickness on a smooth surface. * Clear : 26 – 30m ² /L. in 10 microns dry film thickness on a smooth surface.
Flash point	20°C /68°F (Closed cup).

Application details

Surface preparation	Remove any dust, oil and grease and other contaminants from the surface to be coated, and followed by chromated treatment.
Preceding coat	KOFLUX PRIMER YP1350 or according to specification.
Method of application	Spray or Electrostatic application.
Thinning	THINNER No.0276. (Thinning ratio : 20 – 30%) Adjust the paint viscosity up to 20 – 40 seconds in Ford Cup No.4 (at 25°C /77°F).
Application conditions	Preferred temperature during application is 25°C /77°F, and relative humidity preferably below 85%.
Film thickness	* Metallic : Recommended per coat 25 – 30 microns dry. * Clear : Recommended per coat 10 – 15 microns dry.
Drying time	Metallic : 232°C /449°F x 10–20 mins (Metal Peak Temp.) Clear : 232°C /449°F x 10–15 mins (Metal Peak Temp.)

Storage and package

Shelf life	12 months
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Remarks

Note	Protect for prolonged exposure to direct sunlight during load, transport and storage because it may take place the gelation at temperature above 37°C /98.6°F. Clean tools thoroughly before and immediately after use. Use with adequate ventilation, and avoid
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prolonged breathing of solvent vapors.

Well aware of the "KOFLUX STANDARD PAINTING SPECIFICATION" before application.

1'st issue	2011-02-01
Revision	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

