



SUPRALUX KD-41

(Quick Dry Enamel)

(Paints & Coatings)

HEAVY DUTY, HIGH PERFORMANCE

GENERIC CLASS: Modified alkyd.

PRODUCT DESCRIPTION: A gloss type, general purpose interior/exterior alkyd enamel for protection against weather, mild industrial fumes and abrasion; has very good application properties and can be used over properly primed metal, masonry surfaces and unprimed wood. Provides excellent protection in mild environment.

TYPICAL USES: As a finish coat for piping, storage tank exteriors, building interiors and exteriors.

LIMITATIONS: Not recommended for immersion service or splash and spillage of acids, alkalis and strong solvents.

CHEMICAL RESISTANCE GUIDE:

<u>Exposure</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acids	NR	Poor
Alkalis	NR	Poor
Solvents	NR	Poor
Salt	Good	Good
Water	Excellent	Excellent

TEMPERATURE RESISTANCE: (Dry Basis)

Sustained	:	200°F (93°C)
Intermittent	:	250°F (121°C)

FLEXIBILITY: Excellent

WEATHERING: Excellent

ABRASION RESISTANCE: Good

SUBSTRATES: Apply over properly primed metal, masonry surfaces, or others as recommended. Apply directly over clean, dry wood.

TOPCOAT REQUIRED: Optional second coat will give a longer service life and may be required when covering dark primers with a light color topcoat.

COMPATIBILITY WITH OTHER PAINTS:

May be applied over most alkyd primers. Specific recommendations include Ultracote LD-30 and Ultracote LD-10 primers.

CALCULATED VOLUME SOLIDS:

Supralux KD-41 49±2%

RECOMMENDED DRY FILM THICKNESS PER COAT:

1.5 - 3.5 mils per coat

CALCULATED COVERAGE PER GALLON:

785 mil sq. ft. (19.32 sq. m./ li. @ 25 microns)
 524 sq. ft. @ 1.5 mils (12.88 sq. m./ li. @ 37.5 microns)
 244 sq. ft. @ 3.5 mils (5.52 sq. m./ li. @ 87.5 microns)

NOTE: Assume loss factor when estimating job requirements at prevailing condition.

SHELF LIFE: 2 years minimum.

COMPONENT: One

FINISH: Gloss

COLORS: White, Red, Orange, Gray and Black are standard colors. Other colors are available upon request.

FLASH POINT: (Pensky-Martens Closed Cup)

Supralux KD-41 105°F (41°C)
 Ultracote Thinner #85 40°F (4°C)

SURFACE PREPARATION: Remove any oil or grease from surface to be coated with clean rags soaked in Ultracote Thinner #2 or toluol.

STEEL: Apply over clean, dry recommended primer and/or tie coat.

CONCRETE/MASONRY SURFACES: Apply over clean, dry, recommend alkalis resistant primer or surfaces.

WOOD: Apply directly over clean, dry unprimed surface. First coat may be thinned up to 30% by volume for better penetration. A second coat is required for uniform appearance.

MIXING: Mix to uniform consistency before thinning.

THINNER: Use Supralux Thinner #63.

APPLICATION TEMPERATURES:

Materials	:	35-120°F (2-49°C)
Surfaces	:	35-165°F (2-74°C)
Ambient	:	35-120°F (2-49°C)
Humidity	:	0-98%

Do not apply when surface temperature is less than 5°F (2°C) above dew point.

Special thinning and application techniques may be required above or below normal condition.

SPRAY TECHNIQUE: Use adequate air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

NOTE: The following equipment has been found suitable, however, equivalent equipment may be substituted.

Conventional Spray: Use 3/8" minimum ID material hose.

<u>Mfr. & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks #18 or #62	63C	63PB
DeVilbiss P-MBC or JGA	FF	704
	Approx. .052" ID	Approx. 9-10 cfm @ 30 psi.

Airless Spray: Use 3/8" minimum ID material hose.

<u>Mfr. & Gun</u>	<u>Pump</u>
DeVilbiss JGB-507	QFA-514
Graco 205-291	President 30:1 or Bulldog 30:1
Binks Model 500	Mercury 5C

Teflon packing are recommended and available from pump manufacturer. Use a 0.013" - .017" tip with 2,000 psi.

Use appropriate tip and atomizing pressure for equipment, applicator technique and weather conditions.

BRUSH OR ROLLER: Use medium bristle brush or short nap roller.

DRYING TIME:

To Touch	:	30 mins. @ 90°F (32°C)	
		60 mins. @ 75°F (24°C)	
To Recoat	:	6 hrs. @ 90°F (32°C)	
		8 hrs. @ 75°F (24°C)	
		(longer time at lower temperature)	
Dry Hard	:	24 hrs. @ 75°F (32°C)	
		12 hrs. @ 90°F (32°C)	
Final Cure	:	24 hrs. @ 90°F (32°C)	
		12 hrs. @ 75°F (24°C)	

CLEAN-UP: Clean all equipment immediately after use with Ultracote Thinner #2 or toluol.

STORAGE CONDITION: 35-110°F (2-43°C)

PACKAGING: Gallon (3.785 liters)
Pail (4 & 5 Gallons)

SAFETY INFORMATION: This product (and any recommended thinners) contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Keep away from sparks, heat and open flame and use necessary safety equipment such as air mask, non-sparking tools and ladders, etc. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Keep out of reach of children.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Ultracote Paints and Coatings Corporation, warrants only its paints represented herein meet the formulation standards of Ultracote Paints and Coatings Corporation.

THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The buyer's sole and exclusive remedy against Ultracote Paints and Coatings Corporation shall be for replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. The sole purpose of this exclusive remedy shall be to provide buyer with replacement of the product or refund of the purchase price of the product if any defect in materials is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Ultracote Paints and Coatings Corporation is willing and able to replace the defective materials or refund the purchase price.

Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Ultracote Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

ULTRACOTE PAINTS & COATINGS CORPORATION

Main Office: No. 114 Eagle St. corner F. Legaspi St., Brgy. Ugong, Pasig City, Philippines
Tel. Nos. +63 2 671-3409 / 671-9261; Telefax Nos. +63 2 671-3410 / 671-3414

Cebu Office: Rm. 307 N & N Cortes Arcade, AC Cortes Avenue, Mandaue City, Philippines
Tel. No. +63 32 344-0268; Telefax No. +63 32 344-1638

E-mail: contact@ultracote.net | Website: <http://www.ultracote.net>