



ULTRACOTE 830 Finish

(Modified Plasticized Chlorinated Rubber Based)

(Paints & Coatings)

HEAVY DUTY, HIGH PERFORMANCE

GENERIC CLASS: Single package, made of modified plasticized chlorinated rubber based.

PRODUCT DESCRIPTION: Ultracote 830 Finish is a fast drying mono packed finish coat that contain high gloss and good color retention. It exhibits excellent resistance to mould growth and general chemical attack. It has excellent weathering properties and rigid abrasion resistance. It is resistant and unaffected by ultra violet rays even on prolong period of exposure.

TYPICAL USES: Ultracote 830 Finish is a superior maintenance coating for use in all industries including chemical processing, pulp and paper, railroads, marine, chemical laboratories, offshore structures, etc. It is generally used for the protection of structural steel, equipment exteriors, masonry and concrete surfaces when applied over suitably primed surfaces, such as Ultracote 835 Primer, Ultracote 840 HB Intermediate, Ultramastics or Inorganic Zincs. It has excellent properties in exposure of high humidity, such as pulp mills, fertilizer plants and petrochemical structures.

LIMITATIONS: Not recommended for immersion service on acids or solvent exposure.

CHEMICAL RESISTANCE GUIDE:

<u>Exposure</u>	<u>Immersion Service</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acids	Fair	Very Good	Excellent
Alkalies	Fair	Very Good	Excellent
Solvents	NR	Poor	Poor
Salts	Very Good	Excellent	Excellent
Water (sea & fresh)	Excellent	Excellent	Excellent

TEMPERATURE RESISTANCE: (Dry Basis)

Sustained	:	150°F (65°C)
Intermittent	:	200°F (93°C)

ABRASION RESISTANCE: Very Good

FLEXIBILITY: Good

WEATHERING: Excellent

SUBSTRATES: Properly primed surfaces.

TOPCOAT REQUIRED: None

COMPATIBILITY WITH OTHER COATINGS: Apply over properly primed chlorinated rubbers or others as recommended.

CALCULATED VOLUME SOLIDS:

Ultracote 830 Finish 35%±2%

RECOMMENDED DRY FILM THICKNESS PER COAT:

2 - 3 mils (50 - 75 microns)

CALCULATED COVERAGE PER MIXED GALLON:

561 mil sq. ft. (13.77 sq. m./li. @ 25 microns)
280 sq. ft. @ 2 mils (6.88 sq. m./li. @ 50 microns)
187 sq. ft. @ 3 mils (4.59 sq. m./li. @ 75 microns)

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

SHELF LIFE: 12 months minimum. Materials on stock should be turned upside down every 3-4 months.

COLORS: Gray, Blue, Green, Red and Colors.

FINISH: Gloss

FLASH POINT: 70°F (21°C)

SURFACE PREPARATION: Remove any oil or grease from surface to be coated with clean rags soaked in Ultracote Thinner #2 or tuluol. Apply over clean, dry, recommended coatings.

ALLOY STEEL, GALVANIZED STEEL AND NON-FERROUS METALS: Chemically clean surfaces in accordance with SSPC-SP-1 (Solvent Cleaning). Abrasive "brush blast to provide a lightly profiled and etched surface.

WELDING: Welding should precede coating. In the event welding or flame cutting is performed on metal already coated with this product, do so in accordance with the latest instruction in USA Standard Z49:1 "Safety in Welding and Cutting". All welded, burned or otherwise damaged areas should be cleaned to base metal, prepared and recoated as specified.

CONCRETE: Apply over clean, dry recommended alkali resistant primer or surfacer. Do not apply coating when concrete is less than 28 days cured.

MIXING: Mix to a uniform consistency before application. Thinning not normally required. If thinning is necessary, thin up to 5% by volume. Do not over thin! Over thinning will adversely affect the coating performance. Use Ultracote Thinner #10.

APPLICATION TEMPERATURES:

Material	:	40-100°F (4-38°C)
Surfaces	:	35-150°F (2-66°C)
Ambient	:	40-100°F (4-49°C)
Humidity	:	0-95%

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

SPRAY: Use adequate air volume for correct operation. 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: Use a 3/8" I.D. material hose. Hold gun 8-10 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks #18 or #62	63	63B
DeVilbiss P-MBC	E	704

AIRLESS: Use 3/8" I.D. Material hose. Hold gun 12-14 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Pump</u>
DeVilbiss JGB-507	QFA-519 32:1
Graco 205-591	Bulldog 30:1
Binks Model 500	Jupiter 8D 35:1

BRUSH OR ROLLER: Use natural bristle brush applying with full strokes. Avoid rebrushing. If rolled, use a short nap mohair roller with phenolic core. Avoid rerolling.

DRYING TIME:

To Touch	:	30 mins. @ 90°F (32°C)
		60 mins. @ 75°F (24°C)
To Recoat	:	3 hrs. @ 90°F (32°C)
		4 hrs. @ 75°F (24°C)
To Handle	:	8 hrs. @ 90°F (32°C)
		12 hrs. @ 75°F (24°C)
Dry Hard	:	24 hrs. @ 90°F (32°C)
		30 hrs. @ 75°F (24°C)
Final Cure	:	3 Days

STORAGE CONDITION:

Temperature	:	40-100°F (4-43°C)
Humidity	:	0 - 100%

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>