

ULTRA HIDE PRECAT LAC

NG50300xx (30, 35, 60)



Becker Acroma

DESCRIPTION:

Ultra Hide Precat Lac is a high quality pre-catalyzed nitrocellulose lacquer formulation that incorporates the most up-to-date European Precatalyzed technology. In addition, it has a high solids, excellent build, is fast drying and has exceptional hiding compared to other pigmented pre-catalyzed pigmented lacquers.

HIGHLIGHTS:

- » **High Solids**
- » **Fast Dry**
- » **Low HAPs**
- » **Can be tinted**
- » **Excellent Hiding Properties**

PRODUCT DATA:

Colour:	Wet: White Dry: White	VOC (as packaged, maximum, less water and exempt solvents):	5.24 lb/gal, or 628 g/l
Solids % by Vol.:	27 % (Theoretical)	VOC (emitted):	5.24 lb/gal, or 628 g/l
Solids % by Wt.:	41 % (Theoretical)	Lbs. VHAPs / Lbs. Solids:	0.49
Weight / Gal.:	8.86 lb	Flash Point (PM/CC):	11° C / 52° F
Viscosity 25°C / 77°F:	#4 Ford: 60-70 Sec.	Photo Chemically Reactive:	Yes
Viscosity 25°C / 77°F:	DIN 4: 50-60 Sec.	Shelf Life:	12 months (at 15-25° C / 59°-77° F)
Viscosity 25°C / 77°F:	Zahn #2 sig.: N/A Sec.	Theo. Coverage@1mil dry	435 Sq. Ft./Gal. 100% Efficiency

MIXING / APPLICATION:

Working Temp: >18° C, 65° F substrate, coating and air
Pot Life: N/A
Mixing: Mix thoroughly to ensure uniform consistency.
Sealer: Use over Ultra Hide Precat Primer
Reducer: Thinner 219 - Regular; Thinner OC 140 - Fast; Thinner 309 - Haps Free, Thinner 419 – Slow, Haps Free
Application: 75 - 100 (g/m²) Approx. 4 wet mils; Min 1 mil wet –Max 4 mil wet @ 60%RH
Surface Prep: Substrate should be clean and free of grease and oil. Moisture content of the wood should be between 6%-8%. White wood sanding with 180 grit sandpaper. Sand the first coat (with 220 to 320 paper) in order to eliminate grain raising, if any, and improve adhesion of the subsequent coat. Topcoat within 8 hours of sanding.
Use Directions: For interior use only. Mix thoroughly before application. Reduce with thinner to spray viscosity. Stack only when the surface temperature is below 35°C / 95 ° F. Dry time can be directly impacted by many factors, including film thickness. Users are urged to test the system under shop conditions.
App. Equip.: Conventional & HVLP Siphon Feed and Pressure Pot Systems and Airless Air Assist Equipment.
Tinting: Can be tinted up to 5% maximum with 844 or 866 Tinters. Prior to application test a sample piece to assure proper colour match.
Ind. Standards: This product meets the System - 2, Lacquer Precatalysed Opaque quality standard for AWI.

DRYING TIMES TO SAND / STACK:

Method	Drying Temp.	Drying Time (@ 60 % RH and thickness @ 1 mil dry)
Air Drying	20° C / 68° F	30-60 min. dry to sand / 30-60 min. dry to stack / recoat window: within 8 hours

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APPLICATION RECOMMENDATIONS:

APPLICATION EQUIPMENT SETTINGS

Method of Application	Wet Film		Dry Film	
	Mils	g/m ²	Mils	Microns
Conventional – Siphon Fed	3 – 5 mils	80 - 125 g/m ²	0.8 – 1.4 mils	20-36 microns
Conventional – Pressure Pot	3 – 5 mils	80 - 125 g/m ²	0.8 – 1.4 mils	20-36 microns
Airless Air Assist	3 – 5 mils	80 - 125 g/m ²	0.8 – 1.4 mils	20-36 microns
HVLP - Siphon Fed	3 – 5 mils	80 - 125 g/m ²	0.8 – 1.4 mils	20-36 microns
HVLP - Pressure Pot	3 – 5 mils	80 - 125 g/m ²	0.8 – 1.4 mils	20-36 microns

All measurements and application equipment settings are based on application at temperature of 68°F. Viscosity will vary depending on the temperature of the liquid. The application equipment setting recommendations are guidelines only. The settings are starting point recommendations and adjustments to the equipment settings and equipment may be needed to obtain the desired results. Please refer to your specific equipment manufacturer's recommendations for equipment set-up.

REDUCTION – TIP SIZE – PSI SETTINGS

Conventional Equipment Siphon Feed:

Reduce to 18-21 seconds #4 ford viscosity cup, nozzle size 0.070 inches (1.8mm) – 0.0 inches (2.0 mm), atomizing air 40 psi (2.8bar)–50 psi (3.5 bar).

Conventional Equipment Pressure Pot:

Reduce to 18-21 seconds #4 ford viscosity cup, nozzle size 0.472 inches (1.2mm) – 0.055 inches (1.4 mm), atomizing air 40 psi(2.8 bar)–50 psi (3.5 bar), Pot pressure 7 psi (0.48 bar) to 10 psi (0.68 bar)

Airless Air Assist Equipment:

Reduce to 18-25 seconds #4 ford viscosity cup, tip size.011inches (0.28mm) - .013 inches (0.33mm), fluid pressure 290 psi (20 bar) – 580psi(40 bar), atomizing air 11psi (0.8 bar) to 17psi (1.2 bar).

HVLP Equipment Siphon Feed:

Reduce to 17-21 seconds #4 ford viscosity cup,.061inch (1.5mm) -.072inch (1.8MM) nozzle, atomizing air 35psi (2.4bar) -45 psi (3.1bar).

HVLP Equipment Pressure Pot:

Reduce to 17-21 seconds #4 ford viscosity cup,0.472 inches (1.2mm) – 0.055 inches (1.4 mm) nozzle, atomizing air 20psi (1.37 bar) -25 psi (1.72 bar). Pot pressure 7 psi (0.48 bar) to 10 psi (0.68 bar)

PRODUCT NOTES

- Ultra Hide Precat Lac is a furniture quality lacquer designed for use on cabinets, dormitory, household, office or laboratory furniture, display fixtures.
- Maximum recommended dry film thickness for total coating system is 5 dry mils. Heavier film build may cause cracking.

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TESTING: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

FOR INDUSTRIAL SHOP APPLICATION: Thoroughly review Material Safety Data Sheet (MSDS) for safety information and cautions prior to using this product. For Regulatory compliance data (i.e. VOC, HAPS, etc.), obtain an Environmental Data Sheet (EDS) prior to using the product. A MSDS and/or EDS is available from your local distributor or representative. Please direct any questions or comments to 1-800-524-5979.

NOTE: Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result. Becker Acroma is a brand of The Sherwin-Williams Company.