

ULTRA HIDE PRECAT PRIMER

ND5203001

DESCRIPTION:

Ultra Hide Precat Primer is a fast drying, high solids, precatalyzed, nitrocellulose primer suitable for MDF and other interior woodwork. This primer can be used on solid wood. This primer has excellent filling, hiding and sanding characteristics. Ultra Hide Precat Primer should be topcoated with recommended AcromaPro pigmented precatalyzed lacquers.

PRODUCT DATA:

Color:	Wet: White Dry: White	VOC (as packaged, maximum, less exempt solvents):	5.36 lb/gal, 643 g/l
Solids % by Vol.:	24 % (Theoretical)	VOC (emitted):	5.36 lb/gal, 643 g/l
Solids % by Wt.:	41 % (Theoretical)	Lbs. VHAPs / Lbs. Solids:	0.47
Weight / Gal.:	9.12 lb/gal	Flash Point (PMCC):	11 ° C / 54° F
Viscosity 23°C / 73°F:	#4 Ford: 60-70 Sec.	Photo Chemically Reactive:	Yes
Viscosity 23°C / 73°F:	DIN 4: 50-60 Sec.	Shelf Life:	12 months (at 15-25°C / 59°-77°F)
Viscosity 23°C / 73°F:	Zahn #2 sig.: N/A Sec.	Theo. Coverage @ 1mil dry	385 Sq. Ft./Gal. 100% Efficiency

MIXING / APPLICATION:

Working Temp: >18° C, 65° F substrate, coating and air
Hardener: N/A
Catalyzation: N/A
Pot Life: N/A
Mixing: Mix thoroughly to ensure uniform consistency.
Reducer: Thinner 219 (regular), Thinner OC 140 (fast), Thinner 309 (fast, HAPS free), Thinner 419 (slow, HAPS free)
Application: 75 - 120 (g/m²) Approx. 4 wet mils Min 3 mil wet –Max 5 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 sands with 180 grit sandpaper. Sand the first coat (with 220 to 320 paper) in order to eliminate grain raising and improve adhesion of the subsequent coat. Topcoat within 8 hours of sanding.
Use Directions: For interior use only. Mix thoroughly before application. 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 866 colorants. Prior to application, test a sample piece to ensure proper color match.
Ind. Standards: This product meets the Precatalyzed Lacquer Opaque quality standard for AWI.

DRYING TIMES TO SAND / STACK / RECOAT WINDOW:

Method	Drying Temp.	Drying Time (@ 60 % RH and thickness @ 1 mil dry)
Air Drying	20° C / 68° F	20-30 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 Mils / g/m ²	Dry Film Mils / Microns
Conventional – Siphon Fed	3 – 5 mils / 72 - 120 g/m ²	0.8 – 1.3 mils / 20-33 microns
Conventional – Pressure Pot	3 – 5 mils / 75 - 120 g/m ²	0.8 – 1.3 mils / 20-33 microns
Airless Air Assist	3 – 5 mils / 75 - 120 g/m ²	0.8 – 1.3 mils / 20-33 microns
HVLP - Siphon Fed	3 – 5 mils / 75 - 120 g/m ²	0.8 – 1.3 mils / 20-33 microns
HVLP - Pressure Pot	3 – 5 mils / 75 - 120 g/m ²	0.8 – 1.3 mils / 20-33 microns

All measurements recommended are based on results at a temperature of 68°F. Viscosity will vary depending on the temperature of the liquid. The above mentioned application equipment recommendations are guidelines only. The noted settings are starting point recommendations and that adjustment to the 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 28-32 seconds #4 ford viscosity cup, nozzle size 0.070 inches (1.8mm) – 0.08 inches (2.0 mm), atomizing air 40 psi (2.8bar)–50 psi (3.5 bar).

Conventional Equipment Pressure Pot:

Reduce to 28-32 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 28-32 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 28-32 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 28-32 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)

CONTACTS:

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PRODUCT NOTES

- Can be topcoated with AcromaPro precatalyzed pigmented lacquers – Satin White Precat, White Precat Lac Semi Gloss or Ultra Hide Precat Lac 30
- Use of a post-catalyzed topcoat is NOT recommended due to risk for cracking and lifting.
- Maximum recommended dry film thickness for total coating system is 5 dry mils. Heavier film build may cause cracking.

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, AcromaPro cannot make any warranties as to the end result.