MATADOR™ WHITE

DH560001X (20, 40, 60, 80 Gloss)

DESCRIPTION:

Matador™ White is a fast drying, post catalyzed, acid cured conversion varnish developed for a variety of interior woodworking. It has very high solids content and very quick build when used over Bernyl™ Surfacer White or Bernyl™ Unisurfacer. Designed specifically for MDF, it can be used on solid wood and provides excellent filling and sanding properties. It's chemical and mositure resistance characteristics make it an ideal finishing system for kitchen cabinets, bath vanities and furniture. This low HAPS solvent system meets KCMA standards and can be tinted.

PRODUCT DATA:

Colour:	**Wet**: White **Dry**: White	**VOC (as packaged, maximum, less water and exempt solvents):**	2.60 lb/gal, 312 g/l
Solids % by Vol.:	61% (Theoretical)	**VOC (emitted):**	2.60 lb/gal, 311 g/l
Solids % by Wt.:	75 % (Theoretical)	**Lbs. VHAPs / Lbs. Solids:**	0.14
Weight / Gal.:	10.81 lb	**Flash Point (PM/CC):**	13° C /55° F
Viscosity 23ºC / 73ºF:	**Stormer:** 80-88 KU	**Photo Chemically Reactive:**	Yes
		Shelf Life:	1 year (at 15-25º C / 59º-77º F)
		Theo. Coverage@1mil dry	980 Sq. Ft./Gal. 100% Efficiency

MIXING / APPLICATION:

Working Temp: >18º C, 65º F substrate, coating and air
Catalyst: 2750 Catalyst (Regular), 494 Catalyst (Slow), 309 Catalyst (HAPS Free), 944 Catalyst (Slow, HAPS Free)
Catalyzation: 12 % Parts by volume
Pot Life: 8 hrs. (23º C / 73º F)
Mixing: Add catalyst under agitation. Use proper graduated cup for measuring. Be attentive to the correct ratio.
Sealer: Apply as a self-sealed system, or over recommended AcromaPro post catalyzed, acid cured primers.
Reducer: Thinner 219 - Regular; Thinner OC 140 - Fast; Thinner 309 - Haps Free, Thinner 419 – Slow, Haps Free. Typical thinner additions are in the 15 to 25 % by volume range.
Application: 100 - 125 (g/m²) Approx. 4-5 wet mils; Min 1 mil wet –Max 6 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 280 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. Stack only when the surface temperature is below 35ºC / 95 º F. Quicker stacking times are achievable relative to the amount of product that is applied.
App. Equip.: Conventional & HVLP Siphon Feed and Pressure Pot Systems and Airless Air Assist Equipment.
Tinting: Can be tinted with Chroma Chem 844 colorants to a maximum of 10% total colorant. Do not use umber pigments. Prior to application, test a sample piece to ensure proper color match.
Ind. Standards: This product meets the Conversion Varnish Opaque quality standard for AWI. It also meets KCMA and CKCA standards.

DRYING TIMES TO SAND / STACK:

Method	Drying Temp.	Drying Time (@ 60 % RH and thickness @ 1 mil dry)
Air Drying	20º C / 68º F	2-4 hours. dry to **sand** / 5-6 hr. dry to **stack**

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APPLICATION RECOMMENDATIONS:

APPLICATION EQUIPMENT SETTINGS

Method of Application	Wet Film Mils / g/m²	Dry Film Mils / Microns
Conventional – Siphon Fed	4 – 5 mils / 100-125 g/m²	2.4-3.0 mils / 61-76 microns
Conventional – Pressure Pot	4 – 5 mils / 100-125 g/m²	2.4-3.0 mils / 61-76 microns
Airless Air Assist	4 – 5 mils / 100-125 g/m²	2.4-3.0 mils / 61-76 microns
HVLP - Siphon Fed	4 – 5 mils / 100-125 g/m²	2.4-3.0 mils / 61-76 microns
HVLP - Pressure Pot	4 – 5 mils / 100-125 g/m²	2.4-3.0 mils / 61-76 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 sec. #4 Ford viscosity cup (20-22 sec Sig. Zahn 2 cup), nozzle size 0.070 inches (1.8 mm) to 0.080 inches (2.0 mm), atomizing air 40 psi (2.8 bar) to 50 psi (3.5 bar).
Conventional Equipment Pressure Pot:
Reduce to 18-21 sec. #4 Ford viscosity cup (20-22 sec Sig. Zahn 2 cup), nozzle size 0.070 inches (1.8 mm) to 0.080 inches (2.0 mm), atomizing air 40 psi (2.8 bar) to 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 sec. #4 Ford viscosity cup (20-25 sec Sig. Zahn 2 cup), tip size 0.013 inches (0.33 mm) to 0.016 inches (0.41 mm), fluid pressure 290 psi (20 bar) to 580 psi (40 bar), atomizing air 11 psi (0.8 bar) to 17 psi (1.2 bar).
HVLP Equipment Siphon Feed:
Reduce to 17-21 sec. #4 Ford viscosity cup (19-22 sec Sig. Zahn 2 cup), nozzle size 0.070 inches (1.8 mm) to 0.080 inches (2.0 mm), atomizing air 35 psi (2.4 bar) to 45 psi (3.1 bar).
HVLP Equipment Pressure Pot:
Reduce to 17-21 sec. #4 Ford viscosity cup (19-22 sec Sig. Zahn 2 cup), nozzle size 0.070 inches (1.8 mm) to 0.080 inches (2.0 mm), atomizing air 20 psi (1.37 bar) to 25 psi (1.72 bar). Pot pressure 7 psi (0.48 bar) to 10 psi (0.68 bar)

CONTACTS:

PH: AcromaPro USA and Canada / 1-888-277-1448

www.AcromaPro.com

PRODUCT NOTES

- Matador™ White can be custom color matched and is available in several gloss ranges.
- Matador™ White has excellent application properties with very good vertical hang, excellent flow and a short flash-off time.
- To improve the flow 3%-5% Thinner 419 can be added.
- Maximum recommended dry film thickness for total coating system is 7 dry mils. Heavier film build may cause cracking.
- Adhesion and compatibility testing is recommended when top coating Matador™ White with alkyd paints.
- This product is thixotropic, and apparent viscosity may be higher than actual viscosity. It is recommended to mix product for 5 to 10 minutes before taking viscosity measurements.
- Temperatures must be above 68°F during application and cure to ensure acceptable coating properties.
- Matador™ White must be catalyzed 12% by volume with the recommended catalyst. Do not over catalyze as this may cause cracking over time.

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.