LAQVA TOP™ WHITE W/B TOPCOAT

EG5800013 (30 Gloss)

DESCRIPTION:

Laqva Top™ is a self-crosslinking, high solids, pigmented, waterborne acrylic satin topcoat for interior wood. Laqva Top™ has good chemical resistance and non-yellowing performance along with high solids and very good hiding properties. This low VOC and HAPS free topcoat is fasty drying and self crosslinking.

PRODUCT DATA:

Color:	**Wet**: White **Dry**: White	**VOC (as packaged, maximum, less water and exempt solvents):**	1.37 lbs/gal or 164 g/l
Solids % by Vol.:	29% (Theoretical)	**VOC (emitted):**	0.48 lbs/gal or 57 g/l
Solids % by Wt.:	41% (Theoretical)	**Lbs. VHAPs / Lbs. Solids:**	0.00
Weight / Gal.:	9.91 lb	**Flash Point (PMCC):**	N/A
Viscosity 25ºC / 77ºF:	**#4 Ford**: 42-55 Sec.	**Photo Chemically Reactive:**	No
Viscosity 25ºC / 77ºF:	**DIN 4**: 35-45 Sec.	**Shelf Life:**	12 months (23º C / 73º F)
Viscosity 25ºC / 77ºF:	**Zahn #2 sig.**: 40-50 Sec.	**Theo. Coverage@1mil dry**	466 Sq. Ft./Gal. 100% Efficiency

MIXING / APPLICATION:

Working Temp: >20º C, 68º F substrate, coating and air
Hardener: N/A
Catalyzation: N/A
Pot Life: See shelf life.
Mixing: Mix thoroughly to ensure uniform consistency.
Sealer: Akvaboard™, Akvasurf™ Precatalyzed WB Primer, Laqva Prime™
Reducer: May be reduced with water as needed.
Application: 70 - 110 (g/m²) Approx. 3 – 4.5 wet mils; Min 1 mil wet –Max 4.5 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%. For white wood sanding, use 150 or 180 grit sandpaper. For sealer sanding, use 320 grit sandpaper. Always sand the sealer-coat within 8 hours prior to top-coating to improve adhesion.
Use Directions: For interior use only. Stir thoroughly before application to avoid variations in gloss. Stack only when the surface temperature is below 35ºC / 95 º 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 (gravity) Feed and Pressure Pot Systems and Airless Air Assist Equipment.
Tinting: Can be tinted with Chroma Chem 896 tinters up to a maximum of 5%. Prior to application test a sample piece to ensure proper color match.

DRYING TIMES TO SAND / STACK:

Method	Drying Temp.	Drying Time (@ 60 % RH and thickness @ 1 mil dry)
Air Drying	20º C / 68º F	30 -60 min. dry to **sand and recoat** / 12 – 16 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 - 140 g/m²	1.3 – 1.6 mils / 32 - 40 microns
Conventional – Pressure Pot	4 - 5 mils / 100 - 140 g/m²	1.3 – 1.6 mils / 32 – 40 microns
Airless Air Assist	4 – 5 mils / 100 - 140 g/m²	1.3 – 1.6 mils / 32 – 40 microns
HVLP - Siphon Fed	4 – 5 mils / 100 - 140 g/m²	1.3 – 1.6 mils / 32 - 40 microns
HVLP - Pressure Pot	4 – 5 mils / 100 - 140 g/m²	1.3 – 1.6 mils / 32 – 40 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:
To be used as is, if needed, reduce with water. Nozzle size 0.060 inches (1.5mm) – 0.070 inches (1.8 mm), atomizing air 25 psi (1.7bar)–40 psi (2.8 bar)

Conventional Equipment Pressure Pot:
To be used as is, if needed, reduce with water. Nozzle size 0.060 inches (1.5mm) – 0.070 inches (1.8 mm), atomizing air 25 psi(1.7 bar)–40 psi (2.8 bar), Pot pressure 7 psi (0.48 bar) to 10 psi (0.68 bar)

Airless Air Assist Equipment:
To be used as is, if needed, reduce with water. Tip size.015 inches (0.33mm) - .016 inches (0.41mm), fluid pressure 290 psi (20 bar) – 580psi(40 bar), atomizing air 15psi (1 bar) to 20psi (1.5 bar).

HVLP Equipment Siphon Feed:
To be used as is, if needed, reduce with water. Nozzle size - .060inch (1.5mm) -.080inch (2MM) nozzle, atomizing air 29 psi (2 bar) -40 psi (2.8bar).

HVLP Equipment Pressure Pot:
To be used as is, if needed, reduce with water. Nozzle 0.060 inches (1.5mm) – 0.08 inches (2 mm) nozzle, atomizing air 20psi (1.37 bar) -29 psi (2 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

- Like most water based products, Laqva Top™ should not be force dried with high speed air for the first couple of minutes to avoid mud-cracking.
- Maximum recommended dry film thickness for total coating system is 5 mils.
- Meets Kitchen Cabinet Manufacturers Association (KCMA) used over Akvaboard™ W/B Primer.

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.