

DESCRIPTION:

Akva Line™ Sanding Sealer is a fast drying, waterborne sanding sealer formulated for use with the entire Akva Line™ series of clear, waterborne topcoats. This sealer has a high degree of clarity with excellent sanding properties. Akva Line™ Sanding Sealer is low VOC and formaldehyde free.

HIGHLIGHTS:

- » *High Degree of Clarity*
- » *Fast Drying*
- » *Low Odor*
- » *Excellent Sanding Properties*
- » *Ready to Spray*
- » *Low VOC*
- » *High Build*
- » *Formaldehyde Free*

PRODUCT DATA:

Colour:	Wet: Clear Dry: Clear	VOC (as packaged, maximum, less water and exempt solvents):	0.92 lbs/gal or 111 g/l
Solids % by Vol.:	28% (Theoretical)	VOC (emitted):	0.28 lbs/gal or 34 g/l
Solids % by Wt.:	31% (Theoretical)	Lbs. VHAPs / Lbs. Solids:	0.00
Weight / Gal.:	8.60lb	Flash Point (PMCC):	Does Not Flash
Viscosity 25°C / 77°F:	#4 Ford: 29-36Sec.	Photo Chemically Reactive:	No
Viscosity 25°C / 77°F:	DIN 4: 25-30Sec.	Shelf Life:	12 months (23° C / 73° F)
Viscosity 25°C / 77°F:	Zahn #2 sig.: 29-34 Sec.	Theo. Coverage@1mil dry	448 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.
Sealer: N/A
Reducer: May be reduced with water if 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 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 (gravity) Feed and Pressure Pot Systems and Airless Air Assist Equipment.
Tinting: N/A

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 and recoat / 12 - 16 hr. dry to stack

APPLICATION RECOMMENDATIONS:

APPLICATION EQUIPMENT SETTINGS

Method of Application	Wet Film		Dry Film	
	Mils	g/m ²	Mils	Microns
Conventional – Siphon Fed	3 – 4.5 mils	70 - 110 g/m ²	0.9 – 1.4 mils	24 - 37 microns
Conventional – Pressure Pot	3 – 4.5 mils	70 - 110 g/m ²	0.9 – 1.4 mils	24 – 37 microns
Airless Air Assist	3 – 4.5 mils	70 - 110 g/m ²	0.9 – 1.4 mils	24 – 37 microns
HVLP - Siphon Fed	3 – 4.5 mils	70 - 110 g/m ²	0.9 – 1.4 mils	24 - 37 microns
HVLP - Pressure Pot	3 – 4.5 mils	70 - 110 g/m ²	0.9 – 1.4 mils	24 – 37 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 1 – 2 % with water. Nozzle size 0.060 inches (1.5mm) – 0.08 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 1-2 % with water. Nozzle size 0.060 inches (1.5mm) – 0.080 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 1 – 2 % with water. Tip size .013inches (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 1 – 2 % with water. Nozzle size -.061inch (1.5mm) -.072inch (1.8MM) nozzle, atomizing air 29 psi (2 bar) -40 psi (2.8bar).

HVLP Equipment Pressure Pot:

To be used as is, if needed, reduce 1 – 2 % with water. Nozzle 0.06 inches (1.5mm) – 0.08 inches (1.8 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)

PRODUCT NOTES

- Like most water based products, Akva Line™ Sanding Sealer should not be force dried with high speed air the first couple of minutes to avoid mud-cracking.
- Maximum recommended dry film thickness for total coating system is 5 dry mils.

CONTACTS:

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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.