

AKVATOPP PRECATALYZED W/B WHITE

EG 5570-9001

Beckers



Becker Acroma

Akvatopp precatalized white is a waterborne acrylic pigmented topcoat suitable for most applications. This fast drying product has a silky feel and develops an extremely durable finished surface. Akvatopp precatalized white is one component and non-yellowing. It is high solids and provides excellent hiding properties. When combined with one of Becker Acroma waterborne primers, Akvatopp provides a totally formaldehyde and HAPs free coating system that will pass KCMA.

HIGHLIGHTS

» **Very Fast Dry Time**
» **Formaldehyde Free**
» **Silky Feel**

» **High Solids**
» **HAPs Free**
» **Non-Yellowing**

» **Extremely Durable**
» **Good Hide**
» **Passes KCMA**

PRODUCT DATA:

Colour:	Wet: Clear Dry: Clear	VOC:	111 g/l or 0.92 lbs/gal
Solids % by Vol.:	33% (Theoretical)	Lbs. VOC / Lbs. Solids:	0.22
Solids % by Wt.:	44 % (Theoretical)	Lbs. VHAPs / Lbs. Solids:	0.00
Weight / Gal.:	9.79 lb	Flash Point (PMCC):	Does Not Flash
Spec. Gravity:	1.17	Frost Sensitivity	Yes
Viscosity 25°C / 77°F:	#4 Ford: 65-73 Sec.	Photo Chemically Reactive:	No
Viscosity 25°C / 77°F:	DIN 4: 55-65 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	528 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: Water

Application: 100 - 140 (g/m²) Approx. 4 – 5 wet mils. Min 1 mil wet –Max 5 mil wet @ 60%RH

Surfacer/Primer: Akvasurf precatalized, Laqva Prime

Surface Prep: Always sand the primer-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 25°C / 75 ° F. Quicker stacking times are achievable relative to the amount of product that is applied.

App. Equip.: Conventional & HVLP Siphon (Gravity) Feed and Pressure Pot Systems and Airless Air Assist Equipment.

Tinting: Can be tinted with 896 tinters up to a maximum of 5%. Prior to application test a sample piece to assure proper colour match.

Ind. Standards: This product meets the quality standard Water Acrylic Opaque for AWI. This product is used in KCMA and CKCA applications.

DRYING TIMES TO SAND / STACK:

Method	Drying Temp.	Drying Time (@ 60 % RH and thickness @ 1 mil dry)
Air Drying	20° C / 68° F	1 – 2 hours dry to sand / overnight. dry to stack

CAUTIONS:

Refer to the M.S.D.S. "Material Safety Data Sheet" for additional information. Thoroughly review product label and M.S.D.S. for safety and any cautions prior to use. Becker Acroma has very high quality coating systems, which demand experienced and extremely careful application. Contact your Becker Acroma Technical Service Representative if you have any questions.

A test sample is recommended to insure adequate adhesion to substrate, proper curing conditions and desired performance properties.

Points worth noting: Optimal result depends on a number of factors: the nature of the substrate, the technical and physical possibilities, as well as the user's application technique. The technical data noted herein is accurate as of the date of publication and is subject to change without prior notice. The technical data herein may vary depending on environment conditions at the time of application and additives used. Becker Acroma Inc. and Becker Acroma LLC guarantee this product to conform to our quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY BECKER ACROMA INC. OR BECKER ACROMA LLC, BY OPERATION OF LAW, STATUTORY, EXPRESS OR IMPLIED, OR OTHERWISE, INCLUDING FITNESS AND MERCHANTABILITY FOR A PARTICULAR PURPOSE. This product is intended for Professional Use Only.

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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	4 – 5 mils	100 - 140 g/m ²	1.3 – 1.6 mils	32 - 40 microns
Conventional – Pressure Pot	4 - 5 mils	100 - 140 g/m ²	1.3 – 1.6 mils	32 – 40 microns
Airless Air Assist	4 – 5 mils	100 - 140 g/m ²	1.3 – 1.6 mils	32 – 40 microns
HVLP - Siphon Fed	4 – 5 mils	100 - 140 g/m ²	1.3 – 1.6 mils	32 - 40 microns
HVLP - Pressure Pot	4 – 5 mils	100 - 140 g/m ²	1.3 – 1.6 mils	32 – 40 microns

All measurements recommended are based on results at temperatures 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:

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)

PRODUCT NOTES

- Like most water based products, Akvatopp 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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