

AquaSilk™

WATERBORNE SYSTEMS



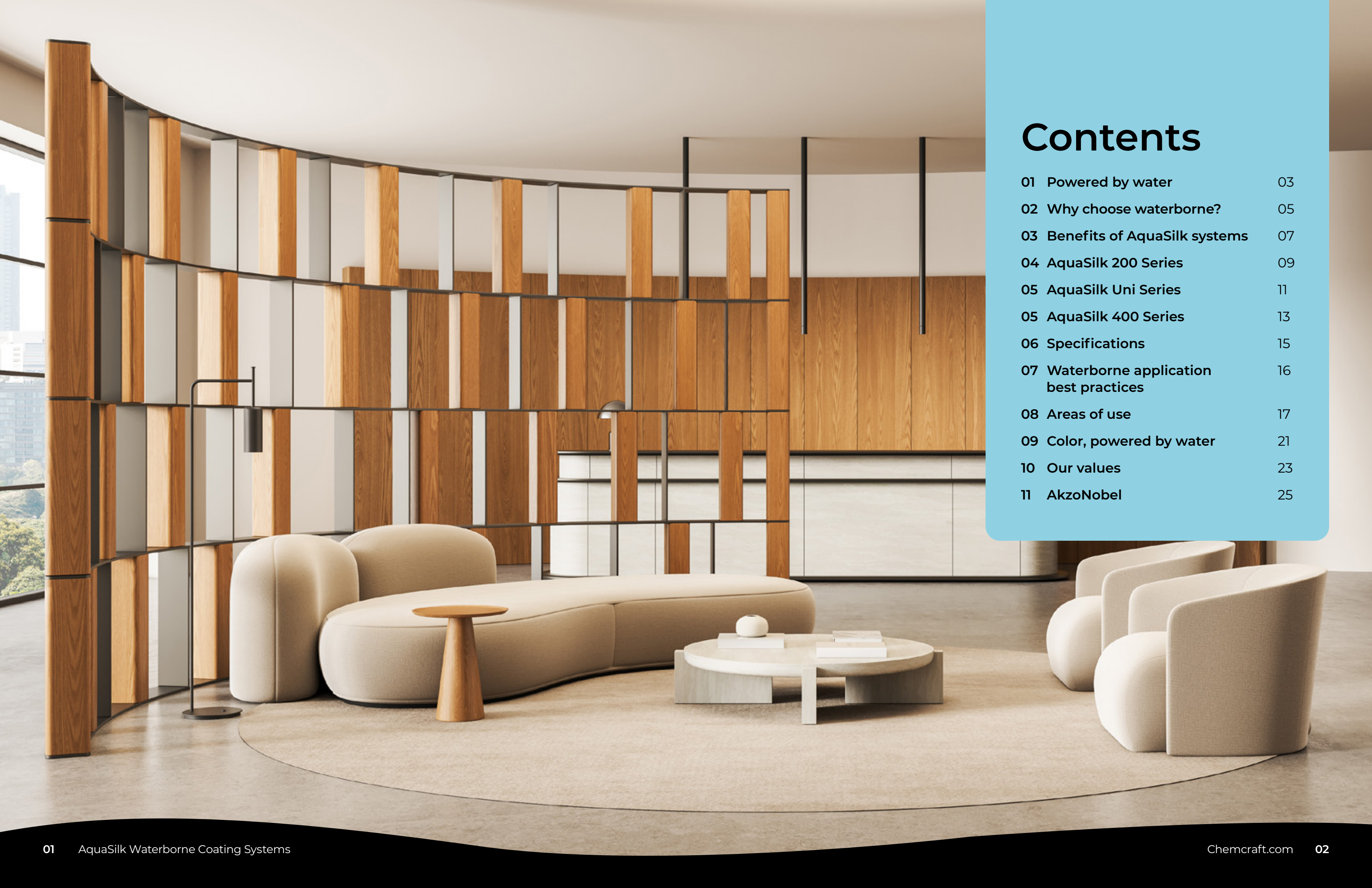
POWERED BY WATER

AquaSilk Waterborne Coating Systems

[Chemcraft.com](https://chemcraft.com)



AkzoNobel



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Powered by water

AquaSilk multi-tiered systems for confident results

AquaSilk is a complete line of waterborne systems designed to meet performance needs across a wide range of applications. From sealers and primers to pigmented topcoats, AquaSilk coatings deliver durability, performance, and a consistently high-quality finish.

Whether you're coating cabinetry or high-end architectural millwork, AquaSilk provides a structured solution that helps you choose the right product for the job — all within a cohesive, high-performance system that combines strength, versatility, and consistency.

Powered by water.

Discover AquaSilk



Strong coatings, powered by water

Performance you can trust.

From everyday use to high-traffic areas, AquaSilk waterborne coating systems provide reliable protection across diverse applications. With a smooth and durable finish, AquaSilk helps surfaces stand up to daily wear while maintaining their quality over time.



Beauty without compromise

Invisible protection, visible perfection.

AquaSilk coatings deliver a flawless, silky-smooth finish that enhances the natural character of wood. Rich in clarity and depth, AquaSilk brings color and sheen to life across a full range of finishes — creating surfaces that feel refined and look effortlessly beautiful.



Flow with confidence.

Made locally. Backed by experts.

AquaSilk coating systems are built on decades of industry-leading research and development. All are manufactured in state-of-the-art American facilities and supported by a wide distributor network. As part of AkzoNobel, our experienced team has the tools and expertise to deliver unrivaled service and support that have earned the trust of professionals worldwide.

Why choose waterborne?

Advanced waterborne technology for superior performance

Waterborne coatings are increasingly used for professional and industrial wood applications in North America and globally, driven by stricter regulations, evolving customer expectations, and major advances in waterborne technologies.

Whether you're already using waterborne coatings or considering making the switch, make the right choice with confidence, and use AquaSilk coating systems.



Why are waterborne coatings reshaping the market?

Waterborne coatings provide numerous advantages while helping to reduce your environmental impact and support your sustainability goals.

Lower VOCs

- Help manufacturers comply with regulations
- Improves air quality performance

Safer work environment

- Easier clean up
- Minimal odor
- Reduced toxic elements

Less hazardous

- Less harmful, minimal off-gassing
- Easy to transport without special transportation requirements*

* Transport should consider compliance with frost sensitivity specifications.

It all adds up

When it comes to sustainability, every action counts. From renewable materials to smart adjustments along the value chain, being part of AkzoNobel means we're also committed to helping you seize opportunities to reduce waste, save energy, reduce your carbon footprint and save costs.

Join the sustainability journey

We're continually exploring new options to make our solutions more sustainable. AquaSilk Waterborne Coating Systems could help you on your sustainability journey.



akzonobel-industrial-woodcoatings.com/en-nam/sustainability

Benefits of AquaSilk systems

Discover the AquaSilk range at [Chemcraft.com](https://chemcraft.com)

AquaSilk waterborne systems offer reliable, predictable results while keeping application and production processes simple. With versatile color and sheen options and seamless compatibility with other Chemcraft technologies, AquaSilk* coatings create an efficient, high-quality and dependable finish without compromising results.

Made for professionals who need both durability and aesthetics



Ease of application
Delivers consistent results with minimal effort.



Full range of sheens
Allows you to achieve any desired look without changing systems.



Total color coverage
Enables fast color matching and broad design flexibility with our MaestroHue capabilities.



Compatible with other Chemcraft technologies
Fits easily into existing processes for seamless performance.*

MaestroHue®

Color Efficiency

MaestroHue compatibility

Enables precise material usage, minimizing waste and reducing costs.

[Learn more on page 21](#)

* Please refer to your Product Information Sheet for compatible product information.

AquaSilk 200 Series

Discover the AquaSilk 200 Series at Chemcraft.com

Supporting products

AquaSilk Uni D Defoamer 872-2401
AquaSilk Uni FP Flattening Paste 870-1701
AquaSilk Uni FR Fisheye Reducer 872-2402
AquaSilk Uni R Retarder 803-1462



AquaSilk 200TC 1K Clear Topcoat 423-24XX

Features and benefits

- Ease of application
- Excellent flow
- Exceptional build
- Excellent clarity
- Minimal grain raise when self-sealed
- Great silky feel
- Provides good sag resistance in vertical application
- Great durable finish

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
N/A	05, 10, 20, 35, 50, 90	1 Gallon, 5 Gallon	12 Months



AquaSilk 200TW 1K White Topcoat 228-24XX

Features and benefits

- Ease of application
- Excellent flow
- Excellent hide
- Exceptional build
- Outstanding vertical hang
- Great silky feel
- Strong durable finish

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
White	05, 10, 20, 35, 50, 90	1 Gallon, 5 Gallon	12 Months

*Can be tinted with 897 tints



AquaSilk 200TN 1K Neutral Topcoat 228-27XX

Features and benefits

- Ease of application
- Excellent flow
- High solids
- Excellent hide
- Fully tintable
- Great silky feel
- Exceptional color acceptance, especially deep colors

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
N/A	05, 10, 20, 35, 50, 90	1 Gallon, 5 Gallon	12 months

*Can be tinted with 897 tints

All products meet KCMA Specifications, AWI.
* Product packaging color may vary from what is pictured.

AquaSilk Uni Series

Discover the AquaSilk Uni Series at Chemcraft.com

Supporting products

AquaSilk Uni D Defoamer 872-2401
AquaSilk Uni FP Flattening Paste 870-1701
AquaSilk Uni FR Fisheye Reducer 872-2402
AquaSilk Uni R Retarder 803-1462



AquaSilk Uni S Sealer 423-2400

Features and benefits

- Fast dry
- Excellent sandability
- Excellent clarity
- Minimal grain raise
- Ease of application

Areas of use		Cabinets, architectural millwork, furniture and refinish markets		
Application		Conventional Gun, Air Assisted, Airless		
Reducer		Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life	
N/A	N/A	1 Gallon, 5 Gallon	12 Months	



AquaSilk Uni PSB Stain Blocking White Primer 550-3502

Features and benefits

- Excellent stain blocking
- Fast dry
- Great hide
- Minimal grain raise
- Great sandability
- High build
- Impressive hold out

Areas of use		Cabinets, architectural millwork, furniture and refinish markets		
Application		Conventional Gun, Air Assisted, Airless		
Reducer		Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life	
White	N/A	1 Gallon, 5 Gallon	12 months	



AquaSilk Uni PW White Primer 550-3500

Features and benefits

- Fast dry
- Great sandability
- Minimal grain raise
- High build (impressive hold out and firm build – minimal shrinkage)
- Can be used under all Chemcraft topcoats
- Can be used across the AquaSilk 200 and 400 series
- Formaldehyde free

Areas of use		Cabinets, architectural millwork, furniture and refinish markets		
Application		Conventional Gun, Air Assisted, Airless		
Reducer		Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life	
N/A	N/A	1 Gallon, 5 Gallon	N/A	

* Can be tinted with 897 tints



AquaSilk Uni PN Neutral Primer 550-3501

Features and benefits

- Fast dry
- Ideal for creating deep colors
- Minimal grain raise
- High tints acceptance

Areas of use		Cabinets, architectural millwork, furniture and refinish markets		
Application		Conventional Gun, Air Assisted, Airless		
Reducer		Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life	
N/A	N/A	1 Gallon, 5 Gallon	12 months	

* Can be tinted with 897 tints

All products meet KCMA Specifications, AWI
Product packaging color may vary from what is pictured

AquaSilk 400 Series

Discover the AquaSilk 400 Series at chemcraft.com

Supporting products

- AquaSilk 400H Hardener 876-3400
- AquaSilk Uni D Defoamer 872-2401
- AquaSilk Uni FP Flattening Paste 870-1701
- AquaSilk Uni FR Fisheye Reducer 872-2402
- AquaSilk Uni R Retarder 803-1462



AquaSilk 400TC 2K Clear Topcoat 423-34XX

Features and benefits

- Hardener ratio: 7% by volume
- Excellent chemical resistance
- Ease of application
- Excellent water resistance
- Strong flow and leveling
- Excellent build
- Exceptional clarity
- Minimal grain raise when self-sealed
- Great silky feel
- Strong durable finish

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Hardener	876-3400		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
N/A	05, 10, 20, 35, 50, 80	1 Gallon, 5 Gallon	12 months



AquaSilk 400TW 2K White Topcoat 228-34XX

Features and benefits

- Hardener ratio: 8% by volume
- Excellent chemical resistance
- Ease of application
- Excellent water resistance
- Strong flow and leveling
- Excellent hide
- Strong durable finish*
- Great silky feel

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Hardener	876-3400		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
White	05, 10, 20, 35, 50, 80	1 Gallon, 5 Gallon	12 months

*Can be tinted with 897 tints



AquaSilk 400TN 2K Neutral Topcoat 228-36XX

Features and benefits

- Excellent chemical resistance
- Ease of application
- Excellent water resistance
- Strong flow and leveling
- Minimal grain raise when self-sealed
- Great silky feel
- Strong durable finish
- Exceptional color acceptance, especially deep colors
- Fully tintable

Areas of use	Cabinets, architectural millwork, furniture and refinish markets		
Application	Conventional Gun, Air Assisted, Airless		
Hardener	876-3400		
Reducer	Water	Retarder	803-1462
Color	Gloss Level	Pack Size	Shelf Life
N/A	05, 10, 20, 35, 50, 80	1 Gallon, 5 Gallon	12 months

*Can be tinted with 897 tints

All products meet KCMA specifications, AWI
Product packaging color may vary from that pictured.

Specifications



AWI
Specification

AWI Specification	Translucent & Opaque Finishes														AquaSilk 200 Series	AquaSilk 400 Series
	AWI System Number															
	1	2A	2B	3	4	5	6	7	8	9	10	11	12			
Vinegar	3	5	4	4	5	3	5	5	5	5	5	4	5	5	5	
Lemon Juice	3	5	4	4	5	3	5	5	5	5	5	4	5	5	5	
Orange Juice	3	5	4	4	5	3	5	5	5	5	5	4	5	5	5	
Catsup	3	5	4	4	5	2	5	5	5	5	5	4	5	5	5	
Coffee	3	5	4	4	5	2	5	5	5	5	5	4	5	3	5	
Olive Oil	2	5	3	3	5	2	5	5	5	5	5	4	5	5	5	
Boiling Water	3	5	4	4	5	3	5	5	5	5	5	4	5	5	5	
Cold Water	5	5	5	5	5	3	5	5	5	5	5	4	5	5	5	
Nail Polish Remover	1	3	2	2	4	1	4	2	5	5	2	3	4	4	5	
Household Ammonia	2	5	4	4	5	2	5	2	5	5	4	4	5	4	5	
VM&P Naphtha	3	5	4	4	5	1	5	5	5	5	4	4	5	4	5	
IPA	1	3	2	1	3	2	5	3	5	5	4	4	5	4	5	
Wine	3	5	4	4	5	2	5	5	5	5	4	5	5	3	5	
Windex	3	4	3	3	5	2	5	4	5	4	3	4	5	3	5	
409 Cleaner	3	4	3	4	5	1	5	4	5	5	4	4	5	3	5	
Lysol	3	5	5	4	5	2	5	3	5	5	4	4	5	2	5	
33% Sulfuric Acid	3	5	4	3	5	1	5	5	5	5	4	4	5	3	5	
77% Sulfuric Acid	1	3	2	1	1	1	4	1	4	3	2	3	4	1	3	
28% Ammonium Hydroxide	1	3	2	1	5	1	5	2	5	5	4	3	5	4	5	
Gasoline	1	5	2	2	5	1	5	5	5	5	4	4	4	5	5	
Murphy's Oil	5	5	5	5	5	2	5	4	5	5	4	5	5	4	5	
Vodka	3	5	4	4	5	2	5	3	5	5	4	4	5	4	5	
1% Detergent	3	5	4	4	5	3	5	5	5	5	4	5	5	5	5	
10% TSP	3	5	4	4	4	1	5	2	5	5	5	5	5	5	5	
TOTAL SCORE	66	113	90	84	117	47	123	95	124	122	104	102	121	96	118	

*All products meet KCMA specifications, AWI

Waterborne
application
best practices



Application guidelines

To ensure a flawless finish, please follow these best practices to achieve consistent application performance and a high-quality finish.



Application best practices

- Use stainless steel spray equipment.
(Please refer to PIS for further equipment guidance)
- Use on an agitator
- Wear proper/appropriate PPE to ensure safety
- Adhere to drying time
- Apply the recommended mil thickness



Common mistakes to avoid

- Do not place the product on a shaker or tumbler
- Do not store in cold areas or below freezing temperatures, as material may freeze
- Do not leave paint directly on cold/cement floors
- Do not exceed maximum tint specified in the PIS



Important application notes

- You may notice viscosity to be thicker
- The material is sensitive to weather
- Finish surfaces must be dry before application (after stains, wipes, clears). Refer to PIS for application/dry time
- Tools needed: Z#3 Cup or equivalent
- Refer to the Chemcraft SOP/PIS for compatible Chemcraft systems

Areas of use

Engineered to endure and designed to impress

Designed for both high-end commercial projects and everyday residential use, AquaSilk waterborne systems combine advanced technology with refined aesthetics to achieve an exceptionally smooth, lasting finish.

Built for endurance and beauty, AquaSilk coatings deliver dependable protection and design versatility without compromise. Every surface finished with AquaSilk coatings reflects precision, sustainability, and quality craftsmanship — allowing you to create spaces that inspire confidence and stand the test of time.

Choose AquaSilk. Powered by water.



AquaSilk for furniture

Crafted to inspire

Furniture defines how a space feels, it's where design, comfort, and craftsmanship meet. From statement pieces to everyday essentials, wooden furniture brings warmth, character, and individuality to any environment.

The AquaSilk series enhances and protects with a refined waterborne finish that highlights the natural beauty of wood. Designed for durability and creative flexibility, AquaSilk systems ensure each item not only looks exceptional but also stands up beautifully to daily use. With their wide range of finishes and colors, AquaSilk coatings empower designers and makers to bring their vision to life, one piece at a time.

AquaSilk for kitchen and bathroom cabinetry

Heart of the home

The kitchen is more than just a workspace, it's where people gather, create, and share moments. We know your customers want their kitchens to reflect their personality, style, and way of living. Whether they're drawn to timeless elegance or contemporary design, the AquaSilk series offers the perfect balance of beauty, quality, and durability.

Formulated specifically for kitchen wood surfaces, AquaSilk systems enhance the natural character of wood while providing lasting protection. They enable designers and homeowners alike to achieve stunning, creative finishes that stand up to everyday life.

Beauty meets endurance

Bathrooms are spaces of relaxation and renewal, where design and comfort come together. Incorporating wood elements brings warmth, sophistication, and a sense of luxury that homeowners increasingly seek.

AquaSilk systems are expertly formulated to protect wooden surfaces from moisture and humidity while preserving their natural beauty. With a broad palette of finishes and design options, they allow you to create bathroom spaces that feel both timeless and enduring.



AquaSilk for architectural millwork and store fixtures

Precision in every detail

Architectural millwork and store fixtures demand a perfect balance of form and function. From bespoke paneling to custom-built displays, every surface must reflect craftsmanship, durability, and design intent.

The AquaSilk series is engineered to meet these expectations. Its advanced waterborne technology delivers a smooth, consistent finish that enhances

wood's natural appeal while providing long-lasting protection against wear.

Whether used in high-traffic spaces or refined architectural interiors, AquaSilk systems offer the flexibility, performance, and visual sophistication needed to bring every design vision to life, with precision in every detail.

AquaSilk for the refinish market

Renew. Restore. Reimagine.

In the refinish market, quality and efficiency are everything. Professionals need coatings that deliver exceptional appearance, fast turnaround, and lasting performance, all while respecting the integrity of the original surface.

AquaSilk coatings are designed to meet those needs with advanced waterborne technology that offers excellent adhesion, smooth application, and

remarkable clarity. Whether refreshing cabinetry, restoring furniture, or revitalizing architectural elements, AquaSilk systems provide a premium finish that enhances natural beauty and extends the life of every project.

With AquaSilk coatings, refinishing becomes more than restoration, it's an opportunity to reimagine what's possible.

Color, powered by water

Color confidence, backed by world-leading expertise

Our expert in-house design team delivers creative color solutions that meet the evolving needs of the professional wood finishing market. With thoughtfully curated palettes, we inspire customers to find the perfect finish for every project — from cabinetry to architectural millwork.

As part of AkzoNobel, a global leader in color, we're able to draw on the expertise, innovation, and insights of AkzoNobel's Global Aesthetic Centre, which has led color research for over 30 years. Its renowned ColorFutures initiative — including the annual Color of the Year and supporting palettes — helps shape global design trends and ensures the AquaSilk series remains at the forefront of color innovation.

With AquaSilk systems, you don't just get performance — you get color confidence, backed by world-leading expertise.

MaestroHue®

Color Efficiency

Helping our distributors master the world of color

We offer practical support to our distributor partner network through leading-edge color technology tools.

Our MaestroHue proprietary color software and compatible equipment provides a comprehensive solution to color accuracy with a quick turnaround. With a large database of formulas, almost any color imaginable is possible with our AquaSilk systems.

Our spectrophotometer color measurement device also enables color matching with ease and confidence.



Our values

Since 1976, Chemcraft wood coatings have connected support, quality and creativity to be the best wood coatings partner to our customers.

We believe in enduring partnerships. That's why our high-performance coatings are backed by industry-leading systems and services that support your business. Our dedication to quality, collaboration and creative innovation means that you can trust us to provide the best solutions for your needs now, and in the future.



Connected by support



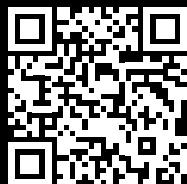
Connected by creativity



Connected by quality



Connected by innovation



At Chemcraft wood coatings, we believe a great finish is only the beginning.

Scan to learn more



Connected by coatings

AkzoNobel

We're part of the AkzoNobel family

Active in over 150 countries, AkzoNobel is a global leader in paints and coatings, with a commitment to sustainability and innovation. Pioneering a world of possibilities to bring surfaces to life for centuries, across a huge variety of products and applications.

Waterborne systems are sold worldwide from the AkzoNobel brand portfolio and trusted by wood coatings customers and partners, globally, for their quality, consistency, and durability. Our extensive portfolio of private and public projects serves as a testament to our excellence and track-record with this technology.

akzonobel.com



Ready to switch to AquaSilk
waterborne coating systems?



We're here to support you.
Discover AquaSilk today.



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Share your journey with us at
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