



Acquaduro™ 2K Waterborne Topcoats

WATERBORNE PRODUCTS

A great finish is
only the beginning

AkzoNobel

Acquaduro™ 2K Waterborne Topcoats



Performance test ratings & standards

Our Acquaduro range has been manufactured to the quality testing standards of KCMA and AWI for System 12. The range has been tested utilizing the following ASTM and KCMA test methods. Using the ASTM Rating Scale: 10=Perfect; 8=Very Good; 6=Good; 4=Fair; 2=Poor; 0=Complete Failure.

423-34XX Clear 2k Polyurethane Waterborne Topcoat

Our Clear 2K Polyurethane Waterborne Topcoat system is easy to apply, offers great sandability and has no recoat window. It also provides excellent water and chemical resistance and has high build and excellent feel and appearance.

228-34XX Pigmented 2k Polyurethane Waterborne Topcoat

Our Pigmented and Neutral Polyurethane 2K Waterborne Topcoats provide excellent water and chemical resistance. They offer high solids and outstanding build, with great hide that allows for ease of application. It also delivers excellent water and chemical resistance.

228-36XX Neutral 2k Polyurethane Waterborne Topcoat

Our Pigmented and Neutral Polyurethane 2K Waterborne Topcoats provide excellent water and chemical resistance. They offer high solids and outstanding build, with great hide that allows for ease of application. It also delivers excellent water and chemical resistance.

Distributed by:

Key benefits	423-34XX Clear 2K Polyurethane Waterborne Topcoat	228-34XX Pigmented 2K Polyurethane Waterborne Topcoat	228-36XX Neutral 2K Polyurethane Waterborne Topcoat
Excellent chemical resistance	✓	✓	✓
Excellent water resistance	✓	✓	✓
High build	✓	✓	✓
Self seal	✓		
Low wood grain raising	✓		
Great flow and leveling	✓	✓	✓
Great sandability	✓		
Excellent mar and abrasion resistance	✓	✓	✓
Excellent feel and appearance	✓	✓	✓
Offers good UV resistance	✓		
High solids	36.0% by weight / 31.0% by volume	45.5% by weight / 32.5% by volume	33.5% by weight / 29.5% by volume
Ease of application	✓	✓	✓
Meets or exceeds (Kitchen Cabinet Manufacturers Association) KCMA and AWI standards	✓	✓	✓
No recoat window	✓	✓	✓
Low HAPs and VOCs	✓	✓	✓
Designed for: cabinet, refinish markets, architectural millwork & furniture	✓	✓	✓

Hot / cold check resistance: ASTM D1211

Purpose: Test the ability of the finish to withstand hot (120°F/ 50°C) & cold (-5°F / -20°C) cycles for prolonged periods. Coating passes 10 cold check cycles.

423-34XX Clear 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10

228-34XX Pigmented 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10

228-36XX Neutral 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10

Cross hatch: ASTM D3359

Purpose: Test the finish's adhesion to various substrates. Uses ASTM Cross Hatch Specific Rating Scale.

423-34XX Clear 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 5B

228-34XX Pigmented 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 5B

228-36XX Neutral 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 5B

Blocking: ASTM D2793

Purpose: Test the ability of the finish to withstand any finish defects from stacking or packing after 4 hours of drying time.

423-34XX Clear 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10

228-34XX Pigmented 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10

228-36XX Neutral 2K Polyurethane Waterborne Topcoat
Passes with a Perfect Rating of 10



Testing notice

Differences in substrates, methods of surface preparation, methods of application and differing shop environments are variables that have an effect on the performance of wood coatings. Testing of the complete coating system for performance and compatibility should be conducted by the customer in their shop environment before beginning production.

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About AkzoNobel

Since 1792, we've been supplying the innovative paints and coatings that help to color people's lives and protect what matters most. Our world class portfolio of brands – including Dulux, International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and use our expertise to sustain and enhance the fabric of everyday life. Because we believe every surface is an opportunity. It's what you'd expect from a pioneering and long-established paints company that's dedicated to providing sustainable solutions and preserving the best of what we have today – while creating an even better tomorrow. Let's paint the future together.

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