



# Acquaduro™ 1K & 2K Waterborne Primers

WATERBORNE PRODUCTS

A great finish is  
only the beginning

**AkzoNobel**

# Acquaduro™ 1K & 2K Waterborne Primers



## 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.

### 550-1760 Pigmented 1K Waterborne Primer

Our Acquaduro 1K Waterborne Primer is formulated with high solids for fast drying and excellent sandability.

The primer has great moisture resistance. Acquaduro 1K primer is manufactured as a ready to use primer. Acquaduro 1K primer is easy to apply and designed for cabinet, architectural millwork and furniture.

### 550-1761 Neutral 1K Waterborne Primer

Our Acquaduro 1K Waterborne Primer is formulated with high solids for fast drying and excellent sandability.

The primer has great moisture resistance. Acquaduro 1K primer is manufactured as a ready to use primer. Acquaduro 1K primer is easy to apply and designed for cabinet, architectural millwork and furniture.

### 550-3400 2K Polyurethane Waterborne Primer

Our Acquaduro 2K Polyurethane Waterborne Primer is formulated with high solids to help eliminate tannin bleed from bare wood and pre-finished products.

This primer has excellent moisture and water resistance and impressive hold-out and film build for minimal shrinkage. Acquaduro 2K Polyurethane Waterborne Primer is easy to apply and creates a very smooth surface with minimal sanding requirements. Acquaduro is designed for the cabinet, architectural millwork, furniture and refinish markets.

Key benefits	550-1760 Pigmented 1K Waterborne Primer	550-1761 Neutral 1K Waterborne Primer	550-3400 2K Polyurethane Waterborne Primer
Excellent durability	✓	✓	✓
Excellent water resistance	✓	✓	✓
Fast application and dry time	✓	✓	✓
Fast drying and excellent sandability	✓	✓	✓
Stain blocking resistance			✓
Excellent moisture and water resistance			✓
Superior build			✓
Outstanding vertical hang providing superior sag resistance			✓
Excellent hide			✓
Impressive hold-out and film build - minimal shrinkage			✓
Reduces sanding burnthrough on edges			✓
High solids			56.4% by weight / 39.8% by volume
Efficient for production	✓	✓	✓
Ease of application	✓	✓	✓
Meets or exceeds KCMA standards	✓	✓	✓
Ultra low VOC and HAPs	✓	✓	✓

### 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.

**550-1760 / 550-1761 Pigmented 1K Waterborne Primer & Neutral 1K Waterborne Primer**  
 Passes with a Perfect Rating of 10

**550-3400 2K Polyurethane Waterborne Primer**  
 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.

**550-1760 / 550-1761 Pigmented 1K Waterborne Primer & Neutral 1K Waterborne Primer**  
 Passes with a Perfect Rating of 5B

**550-3400 2K Polyurethane Waterborne Primer**  
 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.

**550-1760 / 550-1761 Pigmented 1K Waterborne Primer & Neutral 1K Waterborne Primer**  
 Passes with a Perfect Rating of 10

**550-3400 2K Polyurethane Waterborne Primer**  
 Passes with a Perfect Rating of 10

Distributed by:





#### 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.

For more information please visit [www.akzonobel.com](http://www.akzonobel.com).  
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