

## 550-1601 Acquaduro™ 1K Waterborne Neutral Primer

<b>Product codes:</b> 550-1601	<b>Viscosity</b> Zahn #2 Signature Cup 30-35 seconds at 25°C
	<b>Flash Point:</b> >93.3°C (200°F)
	<b>Density (kg/l):</b> 11.31
	<b>Solid (% by weight):</b> 56.4
	<b>Solid (% by volume):</b> 40.7
	<b>Shelf Life (months):</b> 12

### Product Description:

Acquaduro™ 1K Neutral Primer is a ready to use neutral waterborne primer. This waterborne primer provides excellent durability and water resistance on hardwoods or MDF. Acquaduro Waterborne Primer has great ease of application and fast application and dry times.

Recommended topcoat is the Acquaduro 2K Pigmented or Neutral Polyurethane Waterborne Topcoat.

### Uses:

Acquaduro™ 1K Waterborne Neutral Primer has been designed for the cabinet, architectural millwork, furniture and refinish markets.

<b>Environmental Data (as supplied):</b>	<b>VOC less exempt g/l:</b> 48.0
	<b>VOC g/l:</b> 19.0

**Note:**  
N/A

<b>Application Data</b>	<b>Suggested Uses:</b> Designed for use on hardwoods or MDF
	<b>Mixing Ratio:</b> N/A
	<b>Suggested Uses:</b> N/A
	<b>Application Viscosity:</b> Zahn #2 Signature cup 30-35 sec at 25° C
	<b>Reducer:</b> Use water if required
	<b>Retarder:</b> 970-1358 1 to 3 % by Volume
	<b>Clean-up Solvent:</b> Water
	<b>Recommended Wet Film:</b> 4-6 wet mils
	<b>Coverage:</b> 610 sqft/gal

**Note:**  
N/A

**Directions for use:**

**Surface Preparation:**

Substrate must be sanded using 120, 150 or 180 grit paper prior to coating.  
Acquaduro™ 1K Waterborne Neutral Primer should be sanded with 280/320 grit paper prior to being coated.  
Acquaduro™ 1K Waterborne Neutral Primer should be coated within (8) hours of being sanded for maximum adhesion.

**General Information:**

Mix material before use. Add water to reduce if required and mix thoroughly. Apply by spray at 4 - 6 mils wet. Acquaduro™ 1K Waterborne Neutral Primer must be agitated thoroughly at all times to ensure product consistency. Contact with metal surfaces should be avoided. Maximum film build of total coating system must not exceed 4 mils dry.  
THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

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**Drying Times:**

	<b>Room Temperature (20°C / 68°F)</b>	<b>Forced Drying Schedule (50°C / 122°F)</b>
<b>Tack Free Time:</b>	10 minutes	5 minutes
<b>Dry to Sand:</b>	20 minutes	10 minutes
<b>Dry to Stack:</b>	12 hours	30 minutes

**Note:**

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

Akzo Nobel Coatings, Inc  
1431 Progress Ave  
High Point, NC 27260  
336-841-5111

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