

**Product name** URAQUA SI

**File number** 664-XXX

**PRODUCT FAMILY** Windows and doors finishing

**DESCRIPTION** Isocyanate free 2K water borne acrylic-urethane.  
Must be activated with 339-664 hardener at a ratio of 15:1

**INTENDED USES** Uraqua SI is formulated to be applied on doors and windows components in Wood, PVC, fiberglass or pre-painted metals with some flexible rubber parts. Uraqua SI still flexible even on flexible rubber substrates.

<b>PRATICAL INFORMATION</b>	<b>Color</b>	On-demand color matching, Gentek, Kaycan and Vicwest colors ready and more.		
	<b>Gloss level</b>	25-35% at 60 deg.		
	<b>Volume solids</b>	38%		
	<b>Film thickness</b>	Apply 4-5 mils wet for a 1,5 to 2,0 mils dry film. On wood, apply 2 wet coat of 4 to 5 mils.		
	<b>Viscosity</b>	68-72 KU. May be adjusted to fit with application process.		
	<b>Theoretical coverage</b>	1 gallon (3,78 l) covers 580 sq./ft for a dry film of 1,0 mil.		
	<b>Practical coverage</b>	Consider the appropriate loss factor in accordance with the application equipment and technique.		
	<b>Drying time (75°F 50% relative humidity)</b>			
		<b>Dry to touch</b> 25 Minutes	<b>Dry to handle</b> 1 Hour	<b>Hard Dry</b> 24 Hours
	<b>Overcoating interval with recommended topcoats</b>			
	Minimum: N/A		Maximum: N/A	

**PRODUCT CHARACTERISTICS** Excellent weatherability.  
Easy application.  
Good hiding power.  
Minimal heat build up reached by using a selection of Infrared reflective pigments  
Performance results based on AAMA available on request.  
May be applied over systems conform to AAMA 2604 without loss of original performance.

**SYSTEM'S COMPATIBILITY** This product has been tested over many different substrates currently used on the market. Always consult a Laurentide's representative prior starting to use this product in order to validate that it fits your selected substrate.

<b>REGULATORY DATA</b>	<b>Flash Point</b>	n/a
	<b>Product weight</b>	1 litre = 1.11 kg
	<b>VOC</b>	<150 g/l

<b>APPLICATION DATA</b>	<b>Mixing and Ratio</b>	15 parts 664-XXX for 1 part 339-664. Use Laurentide's appropriate ruler to get the right dosage or the ratio can be done by weight.	
	<b>Pot life</b>	8 Hours	
	<b>Airless spray</b>	Recommended	Tip 0,009" to 0,013". Liquid pressure 2000 psi to 2500 psi. Air assisted airless, liquid pressure 400 psi to 600 psi. Air cap pressure 20 psi to 35 psi. With Airmix gun from Kremlin use a 04 or 06 tip.

<b>Air spray</b>	Recommended	Tip 1,8 mm (0,070"). Atomizing pressure 35 psi to 45 psi, feed pressure 5 psi to 15 psi.
<b>Electrostatic application</b>	Not-recommended	Consult Laurentide's technical services.
<b>Other equipment</b>	For small areas, brush.	
<b>Thinner</b>	Deionized water.	
<b>Instructions for shutdowns or longer stops</b>	Flush lines and equipments with tap water.	
<b>Cleaner</b>	Water or blend of water and acetone 1/1. Pur acetone may also be used.	
<b>Clean up</b>	Flush thoroughly lines and equipments with water or a blend of water/acetone.	

**SURFACE PREPARATION**

The surfaces must be clean and dry, free from oil, grease and all contaminants.

PVC substrates must be carefully cleaned with acetone (Laurentide 498-019) or 498-188. After wash, never wait more than 90 minutes before application of paint. Pay a special attention to clean properly all the surfaces to be painted. Same preparation is recommended for fiberglass. On certain fiberglass substrates, a light sanding or the application of an adhesion promoter may be required.

For application over prepainted substrates, clean the surface with the Laurentide's cleaner 510-107, carefully sand with an abrasive pad Scotch Brite (3M) 7447Pro. After sanding remove dust from the surfaces and clean it again with the Laurentide's cleaner 510-107. If the substrate has been sanded down to the metal in some areas, the Innopoxy W 393-502 anticorrosive primer must be applied prior topcoating with Uraqua. Uraqua has not a good adhesion when applied directly on metal surface.

For application over fiberglass, clean the surface with the Laurentide's cleaner Innoprep 056 (498-056), carefully sand with an abrasive pad Scotch Brite (3M) 7447Pro. After sanding remove dust from the surfaces and clean it again with the Laurentide's cleaner 498-056 or acetone. The surface is ready to be painted.

The wood substrates must be primed with the primer Innoseal 603 or Innoseal 803. The primer must be totally dry prior to apply Uraqua. Thin coats of Uraqua over not enough dried primer will cause, more or less rapidly, the failure of the system, alligating and/or cracking.

**ADDITIONAL INFORMATION**

This product is dedicated for an industrial use. Any activity related to the application of this product and waste disposition must be made in accordance with the national rules and regulations in regards to health, safety and environment.

**SAFETY PRECAUTIONS**

Please, read carefully the Material Safety Data Sheet provided by Société Laurentide Inc. before using this product. Always wear an appropriate respiratory equipment. Avoid skin contacts.

**STORAGE**

Keep in a cool and dry place. Keep away from sunrays and high heat sources. Protect the product against freezing, do not store at temperature below 10 degrees Celsius (50F).

**DISCLAIMER**

The above specifications are provided by Société Laurentide Inc. for information purposes only and in no way constitute a representation, promise, or guarantee regarding product use, life cycle or quality. The product identified above must be used in strict conformance with the instructions referred to as well as any other instructions guidelines, or warnings issued by Société Laurentide Inc. Société Laurentide's liability is limited to reimbursement of purchase of a defective product.

**LAST UPDATE**

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