

**Product name**    **Innocryl HD 12-16**

**File number**     **398-8XX**

<b>PRODUCT FAMILY</b>	Exterior top coat for wood products			
<b>DESCRIPTION</b>	Waterborne paint based on acrylic and urethane resin, available in opaque or semi-transparent version			
<b>INTENDED USES</b>	This product is conceived to be applied over solid wood substrates, torrefied wood substrates and MDF substrates, subject to be exposed to exterior conditions.			
<b>PRATICAL INFORMATION</b>	<b>Color</b>	Customized colors, color system available.		
	<b>Gloss level</b>	12% à 16%		
	<b>Volume solids</b>	31%		
	<b>Film thickness</b>	4 mils dft in 2 coats		
	<b>Viscosity</b>	70-74 Kreb units		
	<b>Theoretical coverage</b>	480 pi.car./gal at dft 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> 30 Minutes	<b>Dry to handle</b> 1 Hour	<b>Hard Dry</b> 4 Hours
	<b>Overcoating interval with recommended topcoats</b>	Minimum: N/A		Maximum: N/A
	<b>PRODUCT CHARACTERISTICS</b>	Adhesion : Excellent (ASTM D-3359B) fiber pull		
Temperature cycling : 25 cycles no effect				
One cycle is :				
Freeze to -25 degC Return to room temperature Oven up to 180 degF				
	UV exposure according to ASTM G-155 for 4000 hours : Good color and gloss retention.			
	Emmaqua : Arizona 6 months exposure, good color and gloss retention.			
	This product has an increased surface hardness, making it more resistant to erosion.			
<b>SYSTEM'S COMPATIBILITY</b>	On solid wood and torrefied wood, Innocryl 12-16 can be applied directly on the substrate. For solid wood, humidity content must be from 11% to 16%. For torrefied wood, humidity content must be from 4% to 6%.			
	Some species may require special care. Always verify with Laurentide Industrial technical service to be sure that the product is the good one for your application.			
	MDF substrates must be primed with InnoLine 398-026 or InnoLine 398-035 prior the application of the finishing coat.			
<b>REGULATORY DATA</b>	<b>Flash Point</b>	N/A		
	<b>Product weight</b>	1 litre = 1.05 kg		

VOC < 170 g/l

<b>APPLICATION DATA</b>	<b>Mixing and Ratio</b>	N/A	
	<b>Pot life</b>	N/A	
	<b>Airless spray</b>	Recommended	Tip 0,011" to 0,017", pressure at the gun 1500psi to 2500psi
	<b>Air spray</b>	Recommended	Tip 1,8mm or 2,0mm, atomising 40 to 45 psi feed pressure 10 -20 psi
	<b>Electrostatic application</b>	Not-recommended	
	<b>Other equipment</b>	Brush coater, curtain coater, vacuum coater, air assisted airless	
	<b>Thinner</b>	Water	
	<b>Instructions for shutdowns or longer stops</b>	Flush the equipment with water, keep container closed to avoid skin formation.	
	<b>Cleaner</b>	Water, lacquer thinner 510-105 from Laurentide for dry paint.	
	<b>Clean up</b>	Flush the equipment immediately after use with water.	
<b>SURFACE PREPARATION</b>	The surface must be clean and dry, free from oil, grease and other contaminants and foreign matters.		
	Rough surfaces must be brushed and the loose fibers eliminated with a vacuum.		
	Substrates exposed to exterior conditions for more than two weeks must be prepared with special cares. Consult Laurentide Industrial technical service.		
<b>ADDITIONAL INFORMATION</b>	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.		
<b>SAFETY PRECAUTIONS</b>	Please, read carefully the Material Safety Data Sheet provided by Société Laurentide Inc. before using this product.		
<b>STORAGE</b>	Keep away from freezing. Keep at a temperature from 10 to 30 degC. Do not expose to direct sun rays, do not expose to heat sources.		
<b>DISCLAIMER</b>	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.		
<b>LAST UPDATE</b>	2017-07-13		