

Product name **Innocryl B 12-16**

File number **398-3XX**

PRODUCT FAMILY	Exterior top coat for wood products			
DESCRIPTION	Waterborne acrylic, opaque version			
INTENDED USES	This product is conceived to be applied over solid wood substrates, torrefied wood substrates and MDF substrates, subject to be exposed to exterior conditions.			
PRATICAL INFORMATION	Color	Customized colors, color system system available.		
	Gloss level	12% à 16%		
	Volume solids	31%		
	Film thickness	4 mils dft in 2 coats		
	Viscosity	70-74 Kreb units		
	Theoretical coverage	480 pi.car./gal at dft of 1,0 mil.		
	Pratical coverage	Consider the appropriate loss factor in accordance with the application equipment and technique.		
	Drying time (75°F 50% relative humidity)	Dry to touch 30 Minutes	Dry to handle 1 Hour	Hard Dry 4 Hours
	Overcoating interval with recommended topcoats	Minimum: N/A		Maximum: N/A
	PRODUCT CHARACTERISTICS	<p>Adhesion : Excellent (ASTM D-3359B)fiber pull</p> <p>Temperature cycling : 25 cycles no effect</p> <p>One cycle is :</p> <p>Freeze to -25 degC</p> <p>Return to room temperature</p> <p>Oven up to 180 degF</p> <p>UV exposure according to ASTM G-155 for 4000 hours :Good color and gloss retention.</p> <p>Emmaqua : Arizona 6 months exposure, good color and gloss retention.</p>		
SYSTEM'S COMPATIBILITY	<p>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% tp 16%. For tooorrefied wood, humidity content must be fron 4% to 6%.</p> <p>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.</p> <p>MDF substrates must be primed with Innoline 398-026 or Innoline 398-035 prior the application of the finishing coat.</p> <p>Red cedar substrates can advantageously be primed with Innoseal before applying Innocryl to block the stains related to the tannins.</p>			
REGULATORY DATA	Flash Point	n/a		
	Product weight	1 litre = 1.05 kg		

VOC <150 g/l

APPLICATION DATA

Mixing and Ratio N/A

Pot life N/A

Airless spray Recommended Tip 0,011" to 0,017", pressure at the gun 1500psi to 2500psi

Air spray Recommended Tip 1,8mm or 2,0mm, atomising 40 to 45 psi feed pressure 10 -20 psi

Electrostatic application Not-recommended

Other equipment Brush coater, curtain coater, vacuum coater, air assisted airless

Thinner Water

Instructions for shutdowns or longer stops Flush the equipment with water, keep container closed to avoid skin formation.

Cleaner Water, lacquer thinner 510-105 from Laurentide for dry paint.

Clean up Flush the equipment immediately after use with water.

SURFACE PREPARATION

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.

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.

STORAGE

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.

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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