

## TECHNICAL DATA SHEET

### INDUSTRIAL LACQUER POLYURETHANE WATERBONE

#### PRODUCT DESCRIPTION\*

The Finitec Expert waterbone industrial lacquer (I-LAQ 300) can be used for finishing flat panels, doors, moldings and other interior wood components. It provides a long lasting protection for wood and is available in four different lusters.

\* Industrial use only

#### RECOMMENDED USES

Industrial use: Cabinets, doors, furniture, stairs, moldings and all interior wood components

#### FEATURES

- Self-sealing lacquer
- Increased resistance to abrasion and chemicals
- Water resistant
- Easy to apply
- Low odor
- Low VOC content
- High solids content
- Fast drying time
- Non-flammable

#### RECOMMENDED APPLICATORS\*

- Spray gun
- Corrosion resistant equipment

\* Preferably use stainless equipment

#### APPLICATION CONDITIONS\*

- Temperature between 21 °C and 25 °C (70 °F and 77 °F)
- Relative humidity between 35 % and 50 %

\* Refer to the Drying time section of this document.

\* Refer to the Method of application section of this document

**NOTE:** The drying time may vary depending on the film thickness, the wood porosity and the ambient temperature and humidity.

#### RECOMMENDED SYSTEMS

Sand (refer to sanding instructions ) and/or soften the wood surface with a sandpaper grain 120, 150 or 180 (DO NOT use steel wool). Remove dust with a vacuum cleaner and dry towels.

**NOTE:** Beforehand, the user must carry out application tests with its environmental conditions, method of application and spray equipment to ensure compatibility and optimal performance of this product.



Size	18.9 L
Product number : <b>High-gloss</b>	C-101110
Product number : <b>Semi-gloss</b>	C-101210
Product number : <b>Satin</b>	C-101310
Product number : <b>Matte</b>	C-101410
Quantity per skid	24
Coverage	N.A.

#### TECHNICAL DATA

Size available :	18.9 L
Container :	Plastic container with spout
Color :	White
Luster (60°):	Gloss (>86 %) Semi-gloss (60 %) Satin (30 %) Matte (10 %)
Odor :	Low and non-offending
Coverage :	N.A.
Drying time :	Depends on the environmental conditions To touch : 10-30 min Before sanding : 25-60 min
Resistance to chemicals:	Excellent
Mass loss during Taber test:	37 mg (ASTM D4060 with CS-17 abrasive wheel)
Flash point:	N.A.
Solid content:	30 % ± 2,0 (M/M)
pH :	8,5 ± 0,2
VOC:	265-286 g/L
Viscosity:	30 à 35 seconds (Zahn #2)
Density :	1,04 ± 0,01 kg/L
Freeze / thaw stability:	Keep from freezing (Up to 3 cycles)
Shelf life:	12 months (when kept in its original container)
Tools clean up:	Water
Storage :	Between 10 °C and 30 °C (50 °F and 85 °F)
Waste disposal :	Recycle if possible (Check with locals authorities)

I-LAQ 300



## INSTRUCTIONS

### INDUSTRIAL LACQUER POLYURETHANE WATERBONE

#### ■ SANDING INSTRUCTIONS

Prepare and sand the wood surface in accordance to your requirements. Make sure the surface is free of any contamination.

#### ■ PRODUCT PREPARATION

Before using the product, mix by hand or mix at low or moderate speed in the case of a mechanical mixing. Product preparation will vary according to degree of gloss. DO NOT INTRODUCE AIR.

#### ■ METHOD OF APPLICATION

After sanding the surface and mixing the product, you need to make sure the surface is clean. Subsequently, with a spray gun, apply a uniform layer of 4 mils. Always keep a working distance of 6 to 12 inches.

Depending on the desired finish, if additional layers are required, leave about 30 minutes of rest between applications (may vary according to conditions). Before applying another coat, sand the surface with 280-320 grit sandpaper and remove dust.

#### ■ DRYING TIME

Drying times may vary depending on the film thickness, the wood porosity and the ambient temperature and humidity.

#### ■ MAINTENANCE

It is recommended to clean the equipment with warm water. If necessary, use acetone.

#### ■ CARE

When the product is not used, close the container. Store in a cool and dry environment. Never let the equipment air dried. Never let the lacquer dry in/on the equipment. Avoid excessive heat. Meet provincial and federal laws when disposal containers or material. DO NOT FREEZE (Up to 3 freeze/thaw cycles).

#### ■ FIRST AID

In case of eye or skin contact, rinse well with water for 15 minutes. In case of inhalation, allow the victim to rest in a well ventilated area. If swallowed, seek medical attention. Do not induce vomiting. If the person is conscious, give several glasses of water. Keep out of reach of children.

EMERGENCY phone : CANUTEC (613) 996-6666

**NOTE:** The information mentioned in this document is prepared to the best of our current knowledge. It is possible that an updated version of this document is available at [www.finitecexpert.com](http://www.finitecexpert.com). In case of discrepancy, the latest takes precedence over the printed document. For more information, please consult our web site [www.finitecexpert.com](http://www.finitecexpert.com) or contact our Customer Service at 1.888.838.4449. PROFESSIONAL USE ONLY.

#### ■ LIABILITY NOTICE

Before using, user must learn and ensure they are suitable for its intended use and user alone assumes all risks and liabilities of any nature whatsoever in this regard. ANY CLAIM SHALL BE DEEMED WAIVED UNLESS NOTICE IS WRITTEN TO US WITHIN FIFTEEN (15) DAYS FOLLOWING THE DISCOVERY OF THE DEFECT OR THE DATE ON WHICH SUCH FAILURE WAS DISCOVERED.

