

PRODUCT CODES: ELNYW 200 XX (XX represents the sheen level)
AVAILABLE SHEENS: 10 - Flat, 20 - Low Gloss, 30 - Satin, 50 - Semi-gloss, 90 - Full Sheen

NAME: ENVIROTHANE 200 WHITE TOPCOAT

DESCRIPTION: Envirolak ELNYW 200XX is an opaque white finish that looks and feels like conventional varnish but offers greater flexibility without harmful solvents or catalysts. Based on a polyurethane dispersion, the coating is high build and suitable for tough environments like kitchens and baths. This product also has excellent levelling and anti-sag properties for vertical applications.

USES: This product is designed for interior wood finishing applications such as cabinetry, tables, furniture and millwork.

PRODUCT PREPARATION: Reduction is not required if spraying through a pump, but the product may be reduced with water or ELRX010 Reducer to improve application characteristics depending on the equipment used. Product should be at room temperature and mixed thoroughly prior to finishing to ensure consistency and gloss.

Note: When used as a 2K product with ELCAT100 the gloss of ELNYW200XX will increase with increasing amounts of the hardener. Using 5% ELCAT100 will increase gloss 4-6 units and using 10% ELCAT100 will increase gloss 8-12 units.

RECOMMENDED APPLICATION:

Spray type:	Air Assist Airless
Fluid Pressure:	500-700 PSI
Air Pressure:	25 PSI (triggered)
Tips:	06 or 09
Spray type:	Airless
Fluid Pressure:	1200-2000 PSI
Tips:	310 or 308, fine finish or ultra finish
Spray type:	HVLP (Turbine)
Air Pressure:	Max
Needle:	1.5-1.8
Reduction:	2-5% ELRX010
Spray type:	Cup Gun (gravity)
Air Pressure:	40 PSI
Tips:	1.8
Reduction:	2-5% ELRX010
Wet Film Build:	4-6 mils
Grams per 1/10 sq. metre: (250x400mm board)	12-16g
Number of Coats:	1-2 depending on desired look
Maximum Dry Film Build:	5 mils
Coating Temperature at Application:	20°C (68°F) or higher
*for colder temperatures, add reducer (ELRX010) or warm material prior to spraying	

Envirolak

Technical Data Sheet
ELNYW 200 XX
Revision Date: 1/6/22

PHYSICAL PROPERTIES:	Specific Gravity:	1.20 ± 2%
	Viscosity:	2000cps @20°C
	Solids Content:	40% by weight
	Pot Life:	None
	Flash Point:	>75°C
	VOC's:	88 g/L, 0.73 lb/gal
	VOC's (Less Exempt):	182 g/L, 1.52 lb/gal

SANDING: Sand between coats with 320 grit or Superfine Sponges. It is recommended to use this product in combination with ELPR170 Envirothane 170 White Primer as a basecoat.

DRYING TIMES:

Air dry: (20°C/68°F)	Dry to Touch	20 Minutes	
	Dry to Sand	2 Hours	
	Dry to Recoat	4 hours at 4 wet mils (1K)	
		6 hours at 6 wet mils (1K)	
		2-3 hours at 4-6 wet mils (2K)	
Dry to Stack	Overnight		

Note: Good gentle air movement (not a hurricane) with a recirculator or fan while parts are drying will reduce dry to sand times by 20-40% with reasonable humidity levels (<65% r.h.). Lower temperatures or higher humidity can greatly extend dry times.

Conventional Oven: (40-45°C/104-113°F)	Dry to Touch	10 Minutes
	Dry to Sand	30-60 Minutes
	Dry to Recoat	1-2 hours
	Dry to Stack	4-6 Hours
Sun-Spot IR Cure: (Recommended)	Flash off	1-2 Minutes
	Direct Cure	15-20 Minutes @60-70°C (140-160°F)
	Rack Cure (Indirect no probe mode)	30-40 Minutes @20%+ power
	Cool Down	10-20 minutes
	Product is dry to sand (or stack) after cooling	

TYPICAL SYSTEMS:	Whites or Light Colours:
	Substrate: MDF
	ELPR170 Envirothane 170 White Primer
	Sand using 320 grit sandpaper or fine sponge
	ELPR170 Envirothane 170 White Primer
	Sand using 320 grit sandpaper or fine sponge
1 or 2 coats ELNYW200XX Envirothane 200 White Topcoat	

CLEANING: Flush all equipment with water until it runs clear. Built-up coating and deep cleaning can be performed using ELRX110 EnviroKlean WB Cleaner. For best results cleaning tips, aircaps and unpainted parts use ELRX110 for one hour or 10-20 minutes in an Ultrasonic bath (max. temp. 50°C/120°F). Do not leave painted parts (i.e. spray guns) in ELRX110 for more than 20 minutes.

GENERAL INFORMATION: Use stainless steel (304/316) equipment for all water based products. When switching between solvent and water based products in the same spray equipment we suggest the following:

From Solvent to Water: Wash with acetone, then wash with water.

From Water to Solvent: Wash with water, then wash with acetone.

Keep containers closed when not in use and keep from freezing.

These products are designed for industrial use only. Please refer to the Safety Data Sheet prior to use.

SHELF LIFE: 12 months in unopened containers

STORAGE: Store in a tightly closed container at room temperature (18-25°C/64-75°F) and protect from direct sunlight and foreign material. Do not store at temperatures below 5°C/41°F.

Disclaimer: Every reasonable precaution is taken by the manufacturer in the manufacture of our products to ensure that they comply with our standards. The information given herein is correct to the best of our knowledge. Any suggestions made by us covering the use of our products are based on experience and/or tests believed to be reliable. However, because the use of any product of our manufacture is completely beyond our control, including for example, the method and conditions of application, no guarantee or warranty, expressed or implied, is made. Manufacturer's maximum liability shall be to replace such quantity of product determined by our laboratory to be defective. User shall determine the suitability of the product for his intended use and assumes all risk and liability in connection therewith.