

**PRODUCT CODES:** ELNYC 30030, ELNYC 30020, ELNYC 30010, ELNYC30005, ELNYC 30003

<b>AVAILABLE SHEENS:</b>	ELNYC30003	3 Gloss - Ultra-matte (Natural look)
	ELNYC30005	5 Gloss - Dead Flat
	ELNYC30010	10 Gloss - Flat
	ELNYC30020	20 Gloss - Low Gloss
	ELNYC30030	30 Gloss - Satin

**NAME:** ENVIROTHANE 300 CRYSTAL CLEAR TOPCOAT

**DESCRIPTION:** Envirolak ELNYC300XX is a "water-white" clear one-component urethane for use when colour retention is of utmost importance. The coating is easy to apply and ultra-clear and intended for use over white basecoats in a glazed system or in clear systems where maximum clarity is desired over a dark stain. The finished product offers an incredibly smooth and durable finish that is resistant to staining and marking. Envirolak ELNYC300XX meets or exceeds KCMA standards.

**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 up to 10% with water 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.

**SANDING:** Substrate should be sanded with 180 grit sandpaper prior to finishing. Sand sealer ELSEAL300 with 320 grit or Superfine Sponges.

<b>RECOMMENDED APPLICATION:</b>	Spray type:	Air Assist Airless
	Fluid Pressure:	~600 PSI
	Air Pressure:	20-25 PSI
	Tips:	06 or 09
	Wet Film Build:	3-6 mils (double pass)
	Number of Coats:	1-2 depending on desired look
	Drying Times:	See Below
	Maximum Dry Film Build:	6 mils (total system)

Cup Gun: Reduce material 10% with water for best results  
Brush/Roller: Use as supplied

<b>PHYSICAL PROPERTIES:</b>	Specific Gravity:	1.04 ± 2%
	Viscosity:	1200 cps @20°C
	Solids Content:	30% by weight
	Flash Point:	>75°C
	VOC's:	117 g/L, 0.98 lb/gal
	VOC's:	270 g/L, 2.25 lb/gal

## DRYING TIMES:

**Air dry:** Dry to Touch 20 Minutes  
(20 °C/68 °F) Dry to Sand 2 Hours  
Dry to Stack Overnight  
Note: Gentle air movement (recirculator or fan) while parts are drying will reduce dry to sand times by 20-40%

**Conventional Oven:** Dry to Touch 10 Minutes  
(40-45 °C/104-113 °F) Dry to Sand 30-60 Minutes  
Dry to Stack 4-6 Hours

**Sun-Spot IR Cure:** Flash off 2-3 Minutes  
(Recommended) Cure 20 Minutes @60-70 °C  
Cool Down 5-10 Minutes  
Product is dry to stack (or sand) after cooling

## TYPICAL SYSTEMS:

### Solid Colour with Glaze

Substrate: MDF  
ELPR170 Envirobase White Primer  
Sand using 320 grit sandpaper  
ELNYW20020 Envirothane 200 White Topcoat  
ELDGB100 Dry Glaze (tinted)  
Scuff with maroon Scotch Brite  
ELNYC30020 Envirothane 300 Crystal Clear

### Stain and Clearcoat

Substrate: Hardwood or Veneer  
ELSWB104 Wiping Stain (tinted)  
ELSEAL300 Clear Sealer  
Sand using 320 grit sandpaper  
ELNYC30020 Envirothane 300  
Crystal Clear Topcoat

## 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  
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 wash all equipment well. 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

Disclaimer: Every reasonable precaution is taken 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.