

**PRODUCT CODES:** ELAC50030, ELAC50020, ELAC50010

**AVAILABLE SHEENS:** ELAC50010 10 Gloss - Flat  
ELAC50020 20 Gloss - Low Gloss  
ELAC50030 30 Gloss - Satin

**NAME:** ENVIROCRYL 500 CLEAR TOPCOAT

**DESCRIPTION:** Envirocyl 500 series is a clear one-component acrylic water based finish. The coating is easy to work with, fast drying and offers good clarity and early block resistance in an economical package. Envirolak ELAC500xx meets or exceeds KCMA standards.

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

**PRODUCT PREPARATION:** Reduction is generally not required. Product should be at room temperature and mixed thoroughly prior to finishing to ensure consistency and gloss. Due to the low viscosity of this product it must be mixed prior to use to ensure gloss consistency.

**SANDING:** Substrate should be sanded with 180 grit sandpaper prior to finishing. Sand sealer ELSEAL500 with 320 grit or Superfine Sponges.

**RECOMMENDED APPLICATION:**

Spray type:	Air Assist Airless
Fluid Pressure:	300-450 PSI
Air Pressure:	20-25 PSI
Tips:	06 or 09
Wet Film Build:	3-4 mils
Number of Coats:	1-2 depending on desired look
Drying Times:	See Below
Maximum Dry Film Build:	6 mils (total system)

\*can also be applied by Cup Gun without reduction

**PHYSICAL PROPERTIES:**

Specific Gravity:	1.04 ± 2%
Viscosity:	400 cps @25°C
Solids Content:	28% by weight
Flash Point:	>75°C
VOC's:	85 g/L, 0.7 lb/gal
VOC's (Less Exempt):	259 g/L, 2.16 lb/gal

## DRYING TIMES:

**Air dry:**  
(20°C/68°F)

Dry to Touch	5-10 Minutes
Dry to Sand	20-40 minutes
Dry to Stack	8 hours

Note: Gentle air movement (recirculator or fan) while parts are drying will reduce dry to sand times by 20-40%

**Conventional Oven:**  
(40-45°C/104-113°F)

Dry to Touch	3-5 Minutes
Dry to Sand	15-25 Minutes
Dry to Stack	2-3 Hours

**Sun-Spot IR Cure:**  
(Recommended)

Flash off	2-3 Minutes
Cure	10 Minutes @60-70°C
Cool Down	5-10 Minutes

Product is dry to stack (or sand) after cooling

**TYPICAL SYSTEMS:**

- Substrate: Cherry
- ELSWB104 Wiping Stain (tinted)
- ELSEAL500 Envirocyl Clear Sealer
- Sand using 320 grit sandpaper
- ELAC50020 Envirocyl Clear Topcoat 20 Sheen

## GENERAL INFORMATION:

Use stainless steel or plastic 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 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.