

**AVAILABLE SHEENS:** ELACW400 10 10 Gloss - Flat  
ELACW400 20 20 Gloss - Low Gloss

**NAME:** ENVIROCRYL 400 WHITE TOPCOAT

**DESCRIPTION:** Envirocyl 400 series is a white one-component acrylic water based finish. The coating is easy to work with, fast drying and offers good feel and early block resistance in an economical package.

**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.

**SANDING:** Substrate should be sanded with 180 grit sandpaper prior to finishing. Sand primer 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:	4-5 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 with 5% reduction

**PHYSICAL PROPERTIES:**

Specific Gravity:	1.20 ± 2%
Viscosity:	1000 cps @20°C
Solids Content:	42% by weight
Flash Point:	>75°C
VOC's:	92 g/L, 0.75 lb/gal
VOC's (Less Exempt):	275 g/L, 2.3 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: MDF  
ELPR170 Envirothane 170 White Primer High Solids, 2 coats no sanding  
Sand using 320 grit sandpaper  
ELACW40020 Envirocyl White 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.