

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. This product is not intended to be tinted.

USES: This product is designed as a clearcoat 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. Use Self-Sealed sanding the first coat with 320 grit or Superfine Sponges.

RECOMMENDED APPLICATION:

Spray type:	Air Assisted Airless
Fluid Pressure:	400-600 PSI
Air Pressure:	20-25 PSI (triggered)
Tips:	Kremlin 04114, 06114, 09114, 09154 Wagner 0950, 1150, 1350, 1360, 1380 Graco/CA and others 411, 413, 511, 513, 611, 613

Spray type:	Airless
Fluid Pressure:	1500-2000 PSI
Tips:	Fine Finish or Ultra Finish 308, 408, 508
Reduction:	Not required, water or RX010 optional

Spray type:	Cup Gun (gravity)
Air Pressure:	20-25 PSI
Tips:	1.5 - 1.8
Reduction:	Not required, water or RX010 optional

PHYSICAL PROPERTIES:

Specific Gravity:	1.02 ± 2%
Viscosity:	1100-1300 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	20-25 minutes
Dry to Sand	1 hour
Dry to Recoat	1-2 hours
Dry to Stack	2 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	10-15 minutes
Dry to Sand	30 minutes
Dry to Recoat	30-60 minutes
Dry to Stack	1 hour

Sun-Spot IR Cure: (Recommended)

Flash off	2 minutes
Direct Cure	4-5 minutes @60-70°C
Rack Cure	10-15 minutes @10%+ power
Cool Down	10-20 Minutes
Product is dry to stack (or sand) after cooling	

TYPICAL SYSTEMS:

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

Substrate: MDF
ELPR160 Envirocyl White Primer (2 coats to fill), Sand 320
ELACW40020 Envirocyl White Topcoat
ELDGB100 Dry Glaze (tinted)
Scuff sand 320 to remove glaze and abrade colourcoat
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.