

Envirolak

Technical Data Sheet
ELNYW200XX
Revision Date: 7/26/2019

PRODUCT CODES: ELNYW 200XX (ELNYW 20030, ELNYW 20020, ELNYW 20010, ELNYW 20005)

AVAILABLE SHEENS: ELNYW20005 5 Gloss - Dead Flat
ELNYW20010 10 Gloss - Flat
ELNYW20020 20 Gloss - Low Gloss
ELNYW20030 30 Gloss - Satin

NAME: ENVIROTHANE 200 WHITE TOPCOAT

DESCRIPTION: Envirolak ELNYW200XX 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. Envirothane ELNYW200XX 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: Sand between coats with 320 grit or Superfine Sponges. It is recommended to use this product in combination with ELPR170 Envirobase White Primer as a basecoat.

RECOMMENDED APPLICATION: Spray type: Air Assist Airless
Fluid Pressure: ~600 PSI
Air Pressure: 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)

* for Cup Gun: Reduce material 10% with water for best results

PHYSICAL PROPERTIES: Specific Gravity: 1.20 ± 2%
Viscosity: 2000 cps. at 20 °C
Solids Content: 42% by weight
Flash Point: >75 °C
VOC's: 175 g/L

DRYING TIMES:

Air dry:
(20°C/68°F)

Dry to Touch	20 Minutes
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:
(40-45°C/104-113°F)

Dry to Touch	10 Minutes
Dry to Sand	30-60 Minutes
Dry to Stack	4-6 Hours

Sun-Spot IR Cure:
(Recommended)

Flash off	2 Minutes
Cure	20 Minutes @60-70°C
Cool Down	5-10 Minutes

Product is dry to stack (or sand) after cooling

TYPICAL SYSTEM:

Substrate: MDF or closed pore hardwoods (maple, cherry, birch, etc.)
ELPR170 Envirobase White Primer, 2 coats
Sand using 320 grit sandpaper or Superfine sponges
ELNYW200XX Envirothane 200 White 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 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.