

**Technical Information**

**Product Codes:** CV-0220

**Catalyst:** CA-0235 (Mixed Ratio 6oz per 122 oz of conversion varnish)

**Description:** A neutral two component primer developed from advanced Polyester/Amino resin alkyd technology.

- Characteristics:**
- Very high solid primer to be used as a complete finishing system under Europaque products.
  - Designed for easy sanding
  - Multi-Day Pot life

**Field of Application:** Pigmented Primer for all wood surfaces and MDF

**Physical Properties (CV-0220)**

Weight per gallon	9.13 lb/gal
Viscosity	25-30 sec. Zahn #2 @ 77° F
% Solids – by Weight	51%
% Solids – by Volume	34%
Theoretical Coverage at 1 Mil Dry	433 sq. ft/Gal Does not include spray loss. Coverage will vary depending on application method and coating thickness.
Flash Point	41°F
Color	Clear
Gloss	3 to 10 Degrees
VOC	4.46 lb/gal or 535 g/L
HAPS	.0776 lbs of HAPS/lbs of solids
Pot Life	7 days @ 68°F

**Surface Preparation**

New Work	Sand raw wood with 120-180 grit sandpaper and remove dust. Sand between coats with 220-320 grit.
Recommended Top Coat	Recommended Top Coat is CV-1222 EuroPaque-EX Conversion Varnish.

# EuroPaque-EX Multi-Day Neutral Conversion Varnish Primer CV-1220

## Mixing Instructions

Tint	Maximum 8oz/gal of 844 Colorant
Catalyzation	By volume, add 6 oz. of CA-0235 to 122 oz of CV-0220. Mix product while adding catalyst.
Reduction	10-20% with N-9182(THN802) or N Butyl Acetate
Retarder	3-5% EEP Retarder Solvent

## Application Method & Notes

General Guidelines	Apply 1 to 2 coats at a rate of 3 to 5 wet mils per coat.
Air Spraying (Cup Gun):	Nozzle size: .066 Pressure: 35-45 PSI
Airless Spraying:	Tip size: .009 - .013 Spray pressure: 1450-2175 PSI
Airless, Air-Assisted / Airmix spraying:	Tip size: .009 - .013 Material pressure: 400-500 PSI Assist air pressure: 15-20 PSI
Recoatibility	Sandable & recoatable after 60 min. depending on room temperature. Use Scotch-Brite™ or 220-320 sand paper between coats. Sanding dust must be removed by blowing off or tack raging. For best adhesion, sand previous coat immediately before applying topcoat and apply the topcoat to the sanded surfaces within 4 hours.
Wet Film Thickness per coat	2-5 mils Maximum = 5 mils
Maximum Dry Film Thickness	Maximum film build of the total system should not exceed 4 mils dry, 15 mils wet.

## Clean Up

Lacquer Thinner, Acetone, Ketone solvents, MEK

## Dry Times

Drying times and Drying conditions:	Conditions should NOT be below 65°F and 40% relative air humidity. Ideal conditions are 68°F to 77°F and 50-65% relative air humidity. Variations lead to drying and curing problems. Drying times listed may vary depending on film build, temperature, humidity and degree of air movement. Temperatures are based on actual board temperatures. Times may vary depending
-------------------------------------	---

Rev 03\_15

## **EuroPaque-EX Multi-Day Neutral Conversion Varnish Primer CV-1220**

	on length of time for boards to reach these temperatures.
Dust dry:	5 min. @ 68°F
Touchable:	10 min. @ 68°F 15 min. @ 110°F
Sandable & Recoatable:	60 min. @ 68°F
Flash-off Zone/Forced Drying/Channel Conditions	After adequate flash-off time at room temperature, may be force dried with circulating air temperatures up to 120°F
Ready for testing:	14 days

### **Shelf Life and Storage**

Storage Life:	12 months in the closed, original container
Storage Temperature:	68°F in unopened container

### **Cautions**

**THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**

“Material Safety Data Sheets” are available from your Vogel Industrial Wood Coatings representative. Prior to use of this product, obtain and review the Material Safety Data Sheet for health and safety information. Read and observe all precautionary notices on container labels.

### **Limited Warranty**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Vogel Industrial Wood Coatings does not control the application of its products, or the condition of the surfaces to which they are applied, Vogel Industrial Wood Coatings' liability will under no circumstances exceed replacement of the product. All technical information is subject to change without notice.

Vogel Industrial Wood Coatings is an official licensee of Hesse GmbH. For more information on Hesse go to [www.hesse-lignal.de](http://www.hesse-lignal.de)