

Technical Information

Product Codes: CG-1234 (DP-4777-Base)*



- Catalyst:** CG-0270 (DR4070)* (10:1 Mixed Ratio)
Description: 2 Component Neutral Acrylic Polyurethane Primer
Characteristics:
 - Premium Primer
 - Easy Sanding
 - High solids and fast drying
 - Does not contain formaldehyde, LEED acceptable**Field of Application:** Wood surfaces, kitchen cabinets, restaurant and store fixtures, furniture and fine architectural woodwork.

Physical Properties (CG-1234) (DP-4777-Base)*

Weight per gallon	8.26 lb/gal
Viscosity after Catalyzation	40-45 sec. Zahn #2 sig @77°F
% Solids – by Weight	34%
% Solids – by Volume	25%
Theoretical Coverage at 1 Mil Dry	320 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 @ 60°	N/A-Primer
VOC	5.5 lb/gal or 655 g/L
HAPS	.6277 lbs of HAPS/lbs of solids
Pot Life	4 to 5 Hours @ 68°F Mix only enough material for a maximum of 8 hours to optimize Product performance. Product could yellow if mixed with catalyst and left overnight.

Surface Preparation

New Work	Sand raw wood with 120-180 grit sandpaper and remove dust. Sand between coats with 220-320 grit.
Stain Precautions	Avoid oily, mineral spirits based stains. Avoid shading with stain only.
Top Coat Recommendations	Use CG-125x MultiPUR as topcoat and follow product proper procedure.

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PUR Pigmented-2K Polyurethane Neutral Primer CG-1234 (DP4777)*

Mixing Instructions

Tinting Catalyzation	Maximum Tint 14oz/gal By volume, add 12.8 oz. of CG-0270(DR4070)* to 1 gal. of CG-1234(DP-4777-Base)*. Mix product while adding catalyst.
Reduction	5 to 10% by volume with N-9400(DV4900)*

Application Method & Notes

General Guidelines	Apply 1 to 3 coats at a rate of 3 to 5 wet mils per coat.
Air Spraying (Cup Gun):	Nozzle size: .066 Pressure: 35-40 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 after 1 hour and recoatable after 2 hours at 68°F. 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 6-8 hours.
Wet Film Thickness per coat	3-5 mils
Maximum Dry Film Thickness	Maximum film build of the total system should not exceed 8 mils dry.

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
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	film build, temperature, humidity and degree of air movement. Temperatures are based on actual board temperatures. Times may vary depending on length of time for boards to reach these temperatures.
Dust dry:	20-30min. @ 68°F
Touchable:	1Hour @ 68°F
Sandable and Recoatable:	After 2 hours @ 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:	6 months in the closed, original container
Storage Temperature:	60°F to 77°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

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