

PRODUCT DATA SHEET

Product Codes

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| Primer | CG-1231 |
| Catalyst | CG-0270 |

Description

Two-Component, Acrylic Polyurethane White Primer

Features

- Premium primer
- Easy sanding
- High solids and fast drying
- Does not contain formaldehyde

Uses

Wood surfaces, kitchen cabinets, restaurant and store fixtures, furniture, and fine architectural woodwork

Physical Properties

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|----------------------|--------------------------------------|
| Weight | 9.4 lb/gal |
| Viscosity at 77°F | 40 to 45 seconds #2 Zahn |
| Solids Weight | 46% |
| Solids Volume | 30% |
| Theoretical Coverage | 320 sq. ft./gal after Catalyzing |
| Flash Point | 41°F |
| VOC | 615 g/L |
| HAPS | 0.2446 lbs of HAPS/ lbs of solids |

Gloss Levels at 60 Degrees

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|--------|--------|
| Primer | 0 to 5 |
|--------|--------|

Surface Preparation

New Work:

Sand raw wood with 120 to 180 grit sandpaper and remove dust. Sand between coats with 220 to 320 grit.

Stain Precautions:

Avoid oily, mineral spirits based stains. Avoid shading with stain only.

Mixing Instructions

Catalyzation:

By volume, add 12.8 oz. of CG-0270 to 1 gal. of CG-1231. Mix product while adding catalyst.

Reduction:

5 to 10% by volume with N-9400

Application

Apply 1 to 3 coats at a rate of 3 to 5 wet mils per coat. Do not exceed 15 mils wet for the total system.

Air Spraying (Cup Gun):

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| Nozzle Size | 0.066 |
| Pressure | 35 to 40 PSI |

Airless Spraying:

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|----------|------------------|
| Tip Size | .009 to .013 |
| Pressure | 1450 to 2175 PSI |

Air-Assisted Airless Spraying:

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|---------------------|----------------|
| Tip Size | .009 to .013 |
| Material Pressure | 400 to 500 PSI |
| Assist Air Pressure | 15 to 20 PSI |

Recoatibility:

Sandable and recoatable after 2 hours at 68°F. Use Scotch-Brite or 220 to 320 grit sandpaper between coats. Sanding dust must be removed by blowing off or tack ragging. For best adhesion, sand previous coat immediately before applying topcoat and apply the topcoat to the sanded surfaces within 6 to 8 hours.

Wet Film Thickness per Coat:

3 to 5 mils

Dry Film Thickness per Coat:

0.81 to 1.35 mils

Clean-Up

Lacquer Thinner, Acetone, Ketone solvents, MEK

Dry Times at 68° F

| | |
|-------------------|------------------|
| Dust Dry | 20 to 30 minutes |
| Touchable | 1 Hour |
| Sandable | After 2 hours |
| Ready for Testing | 14 days |

Drying Conditions:

Conditions should NOT be below 65°F and 40% relative air humidity. Ideal conditions are 68°F to 77°F and 50 to 65% relative air humidity.

Forced Drying:

After adequate flash-off time at room temperature, may be force dried with circulating air temperatures up to 120°F

Pot Life:

4 to 5 hours at 68°F

Storage

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|---------------------|--|
| 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. Safety Data Sheets are available from your Diamond Vogel representative. Prior to use of this product, obtain and review the Safety Data Sheet for health and safety information. Read and observe all precautionary notices on container labels.

Limited Warranty

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