

PRODUCT DATA SHEET

Product Codes

Dead Flat	CG-0290
Catalyst	CG-0270

Description

Two-Component, Multicoat, Natural Wood Effect Urethane

Features

- A 2-component, PUR-Natural wood effect, brightening, scratch resistant and dull matte with spectacular light protector
- A urethane of the highest quality with good scratch resistance, smooth tactile surface, and excellent clarity even on darker backgrounds
- Superior resistance to abrasion, water, staining, household chemicals, and body oils
- Contains UV absorbers

Uses

Wood surfaces in restaurants, kitchen and bathroom areas, for tables, etc. For surfaces that need the highest resistance to chemicals and abrasion

Physical Properties

Weight	7.8 lb/gal
Viscosity at 77°F	27 to 33 second #2 Zahn
Solids Weight	20%
Solids Volume	15%
Theoretical Coverage	353 sq. ft./gal
Flash Point	41°F
VOC	734 g/L
HAPS	1.01 lbs of HAPS/lbs of solids

Gloss Levels at 60 Degrees

Dull Matte	0 to 4
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Surface Preparation

New Work:

Let sealer dry overnight at room temperature. Sand sealer with 280 to 400 grit sandpaper and remove dust. Sand between coats with 400 grit.

Stain Precautions:

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

Sealer:

Can be used as a self-seal system. Recommended sealers include CG-0233 and DG-4768. For exotic, oily woods use isolation barrier DG-4720. Consult your representative for more information.

Mixing Instructions

Catalyzation:

By volume, mix 10 parts of CG-0290 with 1 part of CG-0270. Mix product while adding adding catalyst.

Reduction:

5 to 10% by volume with N-9400. Thin as necessary for spray application.

Retarder:

3 to 5% by volume with N-9409

Application

Apply 1 to 3 coats at a rate of 3 to 5 wet mils per coat.

Air Spraying (Cup Gun):

Nozzle Size	.070 to .079
Pressure	35 to 50 PSI

Airless Spraying:

Tip Size	.009 to .011
Pressure	1450 to 2175 PSI

Air-Assisted Airless Spraying:

Tip Size	.009 to .011
Material Pressure	400 to 650 PSI
Assist Air Pressure	12 to 20 PSI

Recoatibility:

Sandable and recoatable after 4 hours at 68°F. Use Scotch-Brite or 400 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:

0.45 to .75 mils

Clean-Up

Lacquer Thinner, Acetone, MEK, or any Ketone solvent

Dry Times at 68° F

Dust Dry	15 to 20 minutes
Touchable	30 minutes
Sandable	After 4 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. 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 on length of time for boards to reach these temperatures.

Forced Drying:

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

Pot Life:

8 hours at 68°F

Storage

Storage Life	12 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

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 Diamond Vogel does not control the applicaiton of its products, or the condition of the surfaces to which they are applied, Diamond Vogel liability will under no circumstances exceed replacement of the product. All technical information is subject to change without notice.