

621-001 D-Dur White PU Pigmented Primer

Product codes: 621 - 001 D-Dur Primer	Viscosity	6500 cps at 77°F
	Flash Point:	-18°C
	Density (lb/gal):	10.1
	Solid (% by weight):	54%
	Solid (% by volume):	35%
	Shelf Life (months):	12

Product Description:

D-Dur Primer is a rapid drying, thixotropic, two-component Polyurethane primer with good sanding capabilities. It also has good durability, good resistance to chemicals and good weathering properties.

Uses:

This finish is recommended for wooden surfaces where good outdoor durability is desired (i.e., window frames, doors, wooden garden furniture). If using this product outdoors, be sure to use an exterior grade topcoat like the D-Dur line.

Environmental Data (as supplied):

VOC less exempt lb/gal:	4.75
VOC lb/gal:	3.79
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	0.76
VHAPs lb/lb Solid:	0.33

Note:

N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	4:1 with 999-062(100 parts 621-001 to 25 parts 999-062)
Suggested Uses:	3 hours
Application Viscosity:	Zahn #2 signature 20 - 30 seconds
Reducer:	800-5301
Retarder:	800-5328
Clean-up Solvent:	Lacquer Thinner (do not mix with product)
Recommended Wet Film:	3 - 5 wet mils
Coverage:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Wood substrate should be sanded with 120, 150 or 180 grit prior to staining or coating.

General Information:

Mix the desired amount of material and apply 3-5 mils wet.

The relative humidity in the application and drying rooms should never exceed 75%. Viscosity on the mixed material should be monitored regularly to maintain a consistent appearance.

Mixed product will contain 999-062, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials.

Total recommended film thickness of D-Dur system is not to exceed 6 mils dry.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION

Drying Times:

	Room Temperature (20°C / 68°F)	Forced Drying Schedule (50°C / 122°F)
Tack Free Time:	10 - 15 minutes	10 minutes
Dry to Sand:	4 hours	Overnight (Complete curing is obtained after 7 days air dry)
Dry to Stack:	2 hours	Overnight (Complete curing is obtained after 7 days air dry)

Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

Akzo Nobel Coatings, Inc
1431 Progress Ave
High Point, NC 27260
336-841-5111

Updated: 2024-05-19 01:00:43

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