

620-1XX D-Dur PU Clear Topcoat

Product Codes: 620-117 Low Gloss
620-106 Satin
620-114 Gloss

Viscosity: Zahn #2 signature cup 22 sec at 25°C
Flash Point: 15°C (59°F)
Density (Kg/L): 0.97
Solid (% by weight): 33%
Solid (% by volume): 26%
Shelf Life (months): 12

Product Description:

D-Dur is a two-component polyurethane with very good wetting properties. It provides excellent flexibility and good resistance to weathering.

Uses:

This finish is recommended for wooden surfaces where good outdoor durability is desired (i.e., window frames, doors, wooden garden furniture).

Environmental Data (as supplied):

VOC less exempt lb/gal:	5.45
VOC lb/gal:	5.45
VOC less exempt g/l:	654
VOC g/l:	654
VOC lb/lb Solid:	2.06
VHAPs lb/lb Solid:	1.23

Note:

See individual compliance sheets for specific data

Application Data:	Suggested Uses:	Spray
	Mixing Ratio:	4:1 with 999-062
	Pot Life:	3 hours
	Application Viscosity:	Zahn #2 signature cup 20-25 seconds
	Reducer:	121-834 or 800-5301
	Retarder:	800-5328 EEP
	Clean-up Solvent:	Lacquer Thinner (do not mix with product)
	Recommended Wet Film:	3-5 wet mils
	Coverage:	N/A

Note:

N/A

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Directions for use:

Surface Preparation:

Wood substrate should be sanded with 120, 150 or 180 grit prior to staining or coating. Primer should be well sanded using 240, 280 or 320 grit stearted paper.

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.

This product should be used as a self-seal.

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:

	At 20°C (Minimum Required)	At 50°C (Minimum Required)
Tack Free Time:	20 - 30 minutes	15 - 20 minutes
Dry to Sand:	6 - 8 hours	2 - 3 hours
Dry to Stack:	Overnight	Overnight

Note:

N/A

Note: 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.

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