

**283-322 Urethane White PU Pigmented Primer**

<b>Product codes:</b> 283-322	<b>Viscosity</b> Zahn #4 signature cup 35 sec at 25°C
	<b>Flash Point:</b> 21°C (70°F)
	<b>Density (kg/l):</b> 1.22
	<b>Solid (% by weight):</b> 53%
	<b>Solid (% by volume):</b> 35%
	<b>Shelf Life (months):</b> 12

**Product Description:**

Polyurethane Primer is a fast-curing, high solid white primer for application on wood or wood products. It is a two-component polyurethane system providing excellent filling properties, good flexibility and excellent sanding properties.

**Uses:**

283-322 is suitable for priming all types of MDF and wood substrates for interior use. It can be used to give closed grain finishes.

**Environmental Data (as supplied):**

<b>VOC less exempt lb/gal:</b>	<2.29
<b>VOC lb/gal:</b>	<0.60
<b>VOC less exempt g/l:</b>	
<b>VOC g/l:</b>	
<b>VOC lb/lb Solid:</b>	<0.30
<b>VHAPs lb/lb Solid:</b>	<0.10

**Note:**

See individual compliance sheets for specific data

**Application Data**

<b>Suggested Uses:</b>	Spray
<b>Mixing Ratio:</b>	3:1 (33%) with 876-9081 (other hardeners possible)
<b>Suggested Uses:</b>	2-3 hours
<b>Application Viscosity:</b>	Zahn #2 signature cup 20-25 seconds
<b>Reducer:</b>	121-834 or 800-5301
<b>Retarder:</b>	800-5328 EEP (not normally required)
<b>Clean-up Solvent:</b>	Lacquer Thinner (do not mix with product)
<b>Recommended Wet Film:</b>	4-6 wet mils
<b>Coverage:</b>	N/A

**Note:**

N/A

**Directions for use:**

**Surface Preparation:**

Substrate should be sanded with 120, 150 or 180 grit sandpaper prior to finishing. Difficult or oily substrates may require the use of 401-033 Isolante sealer prior to priming to ensure maximum adhesion.

**General Information:**

Agitate before use, and while adding hardener and solvent as per mixing ratio. To ensure product consistency, the mixed material should be agitated at all times. When cured, P.U. Primer White must be sanded to be recoated within eight hours of sanding.

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

Mixed product will contain 876-9081, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials. Please note that the catalyzed mixtures have short pot lives and therefore mix only a quantity that can be used within two to three hours. Clean equipment immediately after use.

Total recommended film thickness of 283-322 P.U. Primer White plus topcoat is not to exceed 6 mils dry.

Topcoats use with 283-322: Lustrate 109-XXX and 634-XXX

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:**

	<b>Room Temperature (20°C / 68°F)</b>	<b>Forced Drying Schedule (50°C / 122°F)</b>
<b>Tack Free Time:</b>	20 - 30 minutes	Flash off before entering oven
<b>Dry to Sand:</b>	3 - 4 hours	Overnight
<b>Dry to Stack:</b>	3 hours	4 hours

**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.

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