

545-1901 Chembase 275 Black NC Pigmented Primer

Product codes: 545-1901	Viscosity	Zahn #2 signature cup 28-34 sec at 77°F
	Flash Point:	-4°F (-20°C)
	Density (lb/gal):	8.11
	Solid (% by weight):	30.1%
	Solid (% by volume):	18.4%
	Shelf Life (months):	12

Product Description:

Chembase 275 Black is a single component nitrocellulose basecoat/primer that provides good build and hide. This product has been formulated to meet 275 g/l VOC regulations. Chembase 275 Black is a recommended primer for Chemcraft Chemlack 275 Black nitrocellulose lacquer. Chembase 275 Black is a quality coating designed for the professional applicator who requires an easy to handle product. Chembase 275 Black is supplied at a ready to spray viscosity. This coating will dry quickly and sand easily.

Recommended: Architectural Woodwork Institute Nitrocellulose Lacquer System (8th Ed).

Uses:

This system is designed for millwork, household furniture, decorative items as well as many other interior wood applications.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<2.30
VOC lb/gal:	<0.62
VOC less exempt g/l:	<275
VOC g/l:	<75
VOC lb/lb Solid:	<0.25
VHAPs lb/lb Solid:	<0.00

Note:

N/A

Application Data

Suggested Uses:	Wood Primer
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 22 seconds
Reducer:	800-5500
Retarder:	800-5915
Clean-up Solvent:	800-5500
Recommended Wet Film:	3 – 5 mils
Coverage:	Coverage (reduced 10% for application) is 267 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.

Note:

N/A

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit steared paper prior to coating. Chembase 275 Black should be sanded prior to being topcoated with 280/320 grit steared paper. Appropriate topcoats are Chemlack 275 Black 230-22XX, Chemlack Express 275 441-22XX or Chemlack 275 441-51XX. Chembase 275 Black cannot be used on metal or old oil finishes

General Information:

Agitate material before use. Chembase 275 Black must be agitated thoroughly at all times to ensure product consistency and consistent gloss.

Apply at 3-5 mils wet on sanded substrate. A further coat may be applied after complete drying followed by sanding with 280/320 grit steared paper.

Maximum film build of Chembase 275 Black should not exceed 3 mils dry. Maximum film build of total coating system must not exceed 4 mils dry.

Chembase 275 Black should not be used and dried at temperatures below 64°F or relative humidity above 65%.

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:	15 minutes	Flash off before entering oven
Dry to Sand:	30 - 45 minutes	2 - 3 hours
Dry to Stack:	20 – 30 minutes	60 – 90 minutes

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

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