

131-54XX Variset® Select HH White Pre-Cat Pigmented Topcoat

Product codes:	131-5405 Flat	Viscosity	Zahn #2 signature cup 26 - 28 sec at 77°F
	131-5410 Matte		
	131-5420 Low Gloss		
	131-5435 Satin		
	131-5450 Semi-Gloss		
	131-5490 High Gloss		
	Flash Point:		53.6°F (-12°C)
	Density (lb/gal):		9.24
	Solid (% by weight):		45.0% +/- 2%
	Solid (% by volume):		28.5% +/- 1%
	Shelf Life (months):		6

Product Description:

VARiSET SELECT HH White Topcoat is a one-component, pigmented pre-catalyzed wood coating with great chemical, household and moisture resistance properties. It has high hide and excellent coverage, even on MDF core. VARiSET SELECT HH White Topcoat high solids formulation is user friendly, and has excellent feel, appearance and is formulated to provide maximum color stability. The coating has light stable properties due to the type of resin used.

Special Recognition: Meets Kitchen Cabinet Manufacturer Association (KCMA) Standards.

Recommended: Architectural Woodwork Institute (AWI). System 2 performance standard for chemical and moisture resistance.

Uses:

VARiSET SELECT HH White Topcoat is recommended for kitchen cabinets, office and household furniture, as well as other interior wood applications.

Environmental Data (as supplied):	VOC less exempt lb/gal:	<5.11
	VOC lb/gal:	<5.10
	VOC less exempt g/l:	<615
	VOC g/l:	<612
	VOC lb/lb Solid:	<1.26
	VHAPs lb/lb Solid:	<0.17

Note:

N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 26 - 28 seconds
Reducer:	803-1325
Retarder:	800-5328
Clean-up Solvent:	803-1298
Recommended Wet Film:	3 - 5 mls
Coverage:	465 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:

Wood substrate must be sanded using 120, 150 or 180 grit steared paper prior to coating. An appropriate primer is VARISSET SELECT Primer or self-seal. When recoating, the previous coat of VARISSET SELECT HH White Topcoat or VARISSET SELECT Primer must be sanded and the next coat applied within eight hours. VARISSET SELECT HH White Topcoat cannot be used on metal, old oil or cellulose lacquers. .

General Information:

Agitate material before use. Always mix VARISSET SELECT HH White Topcoat while adding reducers in the recommended mixing ratios. VARISSET SELECT HH White Topcoat must be agitated thoroughly at all times to ensure product consistency and consistent gloss.

Apply at 3 - 5 mils wet on sanded or primed substrate. Further coats may be applied after complete drying followed by sanding with 280/320 grit steared paper. Maximum film build of VARISSET SELECT HH White Topcoat should not exceed 4 mils dry. Maximum film build of total coatings system must not exceed 4 mils dry. The second and subsequent coats must be applied the same as the previous coat is sanded.

Contact with metal surfaces should be avoided.

VARISSET SELECT HH White Topcoat must not be polluted with oil, varnish or the like and must not be sanded with steel wool between coats. VARISSET SELECT HH White Topcoat must not be used and dried at temperatures below 64°F or relative humidity above 65%. During hardening, the enamel must not be exposed to ammonia vapors. Ammonia cleaners should not be used for cleaning the finished surface. This may accelerate discoloration.

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 – 20 minutes	Flash off before entering oven
Dry to Sand:	2 hours	3 Hours
Dry to Stack:	30 - 45 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.

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