

131-53XX Variset® Select Pre-Cat Clear Tint Base Topcoat

Product codes:	131-5305 Flat	Viscosity	Zahn #2 signature cup 21 - 22 sec at 25°C
	131-5320 Low Gloss		
	131-5335 Satin		
	131-5390 High Gloss		
	Flash Point:	53.6°F (12°C)	
	Density (kg/l):	0.93	
	Solid (% by weight):	31.08%	
	Solid (% by volume):	23.68%	
	Shelf Life (months):	6	

Product Description:

VARISSET SELECT Clear Tint Base Topcoat is for use when deep dark colors are desired and it has excellent color stability. This tinting base is specially formulated to minimize color flooding and floating and is compatible with the other primers and topcoats available in the VARISSET SELECT line.

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

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

Uses:

This product is recommended for kitchen cabinets or residential furniture as well as other interior wood applications.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<4.58
VOC lb/gal:	<2.30
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<1.3
VHAPs lb/lb Solid:	<0.02

Note:

N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 21 - 22 seconds
Reducer:	121-803 or 121-8020
Retarder:	800-5328 EEP
Clean-up Solvent:	Lacquer Thinner
Recommended Wet Film:	5 mils
Coverage:	9 m ² /l (380 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 grit stearated paper prior to staining or coating. Primers or sealers, if used, should be sanded with 240, 280 and 320 grit stearated paper prior to being coated. The substrate as well as the primers or sealers should be topcoated within eight hours of being sanded. VARISSET SELECT Clear Tint Base Topcoat cannot be used on metal, old oil or cellulose lacquers.

General Information:

VARISSET SELECT Clear TINT Base Topcoat is applied in one to two coats on all kinds of wood meant for indoor use. Thorough sanding between the coats is a must for good adhesion. The second and subsequent coats must be applied the same day as the previous coat is sanded. Contact with metal surfaces should be avoided. To ensure proper sheen, the material should be agitated at all times. VARISSET SELECT Clear Tint Base Topcoat demonstrates good resistance to moisture, household and office liquids. When this product is used as its own sealer, its special formulation ensures excellent filling and easy sanding properties with superior holdout for subsequent coatings. VARISSET SELECT Clear Tint Base Topcoat must be thoroughly stirred, while adding reducer in the recommended ratio. Total recommended film build of the VARISSET SELECT system should not exceed 4 mils dry. VARISSET SELECT Clear Tint Base Topcoat must not be polluted with oil and must not be sanded with steel wool between coats. VARISSET SELECT Clear Tint Base Topcoat must not be used and dried at temperatures below 18°C or relative humidity above 65%. During the curing process, the coatings 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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