Chemcraft®

A Great Finish is Only the Beginning

ES Primer White Pre-Cat
Pigmented Primer
254-001

Product Code:	
254-001	E.S. Primer White

VISCOSITY:	1050 cps at 25°C
FLASH POINT:	10°C (50°F)
DENSITY (Kg/L):	1.14
SOLID (% by weight):	46%
SOLID (% by volume):	26%
SHELF LIFE (months):	6

Product Description: E.S. Primer is a one-component, precatalyzed pigmented lacquer with good resistance properties. E.S. Primer is a fast drying and well suited for spraying as well as coating by roller and curtain coating. The precatalyzed lacquer has very low odor during the curing process while maintaining its rapid dry and cure properties. To augment the chemical resistance of the product, E.S. Primer 254-001 may be catalyzed.

Uses: The material is used as a solid colour basecoat over natural wood and wood composites for interior use.

Environmental Data (as supplied):

VOC less exempt lb/gal:	5.15
VOC lb/gal:	5.15
VOC less exempt g/l:	617
VOC g/l:	617
VOC lb/lb Solid:	1.19
VHAPs lb/lb Solid:	0.40

See individual compliance sheets for specific data

Application Data:

SUGGESTED USES:	Pre-catalyzed Primer
MIXING RATIO:	3% 999-017 if catalyzed
POT LIFE:	8 hours if catalyzed
APPLICATION VISCOSITY:	Zahn #2 signature cup 18-22 sec
REDUCER:	121-802 or 121-803
RETARDER:	100-119 or 100-137
CLEAN-UP SOLVENT:	Lacquer Thinner
APPLIED FILM THICKNESS:	3-5 wet mils

AkzoNobel

Directions for Use

Surface Preparation:

Wood substrate should be sanded with 120, 150 or 180 grit paper prior to staining or coating.

General information:

Agitate material before use. Always mix E.S. Primer while adding hardener and reducers in the recommended mixing ratios. E.S. Primer must be agitated thoroughly at all times to ensure product consistency.

Apply at 3-5 mils wet on sanded substrate. Further coats may be applied after complete drying followed by sanding with 280-320 grit stearated paper. Subsequent coats should be applied within 8 hours of sanding.

Contact with metal surfaces should be avoided.

Maximum film build of E.S. Primer should not exceed 4 mils dry. Maximum film build of total coating system must not exceed 4 mils dry.

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:	15-20 minutes	Flash off before entering oven
Dry to Sand:	1-2 hours	30 minutes
Dry to Stack:	3 hours	60-90 minutes

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.

AkzoNobel Wood Coatings
155 Rose Glen Rd.
Port Hope, Ontario, L1A 3V6
905-885-6388