



Chemcraft®

A Great Finish is Only the Beginning

ES Sealer II Pre-Cat Clear Sealer

390-001

Product Code:

390-001

E.S. Sealer I

VISCOSITY:

Zahn #2 signature cup 22 sec at 25°C

FLASH POINT:

12°C (53°F)

DENSITY (Kg/L):

0.93

SOLID (% by weight):

22%

SOLID (% by volume):

15%

SHELF LIFE (months):

6

Product Description: E.S. Sealer is a one component, pre-catalyzed sealer designed for all types of woods for interior use. It has a rapid dry and sands easily to a smooth finish.

Uses: The material is used for an open or semi open grain finish on all types of wood for interior use.

Environmental Data (as supplied):

VOC less exempt lb/gal: 6.06

VOC lb/gal: 6.06

VOC less exempt g/l: 726

VOC g/l: 726

VOC lb/lb Solid: 3.50

VHAPs lb/lb Solid: 1.65

See individual compliance sheets for specific data

Application Data:**SUGGESTED USES:**

Pre-Catalyzed Sanding Sealer

MIXING RATIO:

3% 999-017 if catalyzed

POT LIFE:

8 hours if catalyzed

APPLICATION VISCOSITY:

Zahn #2 signature cup 18-22 seconds

REDUCER:

121-802 or 121-803

RETARDER:

100-119 or 100-137

CLEAN-UP SOLVENT:

Lacquer Thinner

APPLIED FILM THICKNESS:

3-5 wet mils

Directions for Use

ES Sealer II Pre-Cat Clear Sealer
390-001

Surface Preparation:

Wood substrate should be sanded with 120, 150 or 180 grit paper prior to staining or coating. Stain systems under acid containing coatings should be acid stable.

General information:

Agitate material thoroughly before use. This product must be agitated thoroughly at all times to ensure consistency.

Apply one or two coats at 2-5 mils wet and allow 30-45 minutes dry at 20°C prior to sanding and applying next coating. Sand with 280/320 grit paper before topcoating or re-coating and ensure next coat is applied within eight hours of sanding E.S. Sealer 390-001.

390-001 may be topcoated with pre-catalyzed topcoats such as 355-XXX and 431-XXXX.

Maximum film build of 390-001 is not to exceed 2 mils dry. Maximum build of the total system is not to 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:	10-15 minutes	Flash off before entering oven
Dry to Sand:	30-45 minutes	15-20 minutes
Dry to Stack:	2 hours	30 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.

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.

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