



E16 OMNIPRIME™ Spray Ready Vinyl Modified White Pre-Catalyzed Primer

E16 OMNIPRIME™ is a spray ready, solvent borne, vinyl modified, pre-catalyzed, alkyd/amino resin based white primer. It exhibits fast dry, high fill and excellent sanding properties. E16 OMNIPRIME™ has been specifically designed to be used in combination with KCI's E7 Series PRIZM™ White Pre-Catalyzed Lacquers as part of a high-quality interior MDF/wood finishing system.

<p>SUGGESTED APPLICATIONS</p> <ul style="list-style-type: none"> • Interior trim and millwork • Office furniture • Household furniture • Cabinets <p>KEY PERFORMANCE FEATURES</p> <ul style="list-style-type: none"> • Easy sanding • Spray ready • Ultra-low formaldehyde • Fast dry • Chemical and moisture resistant • Excellent flow and leveling • Good filling properties • Excellent MDF adhesion <p>RELATED PRODUCTS E7 Series PRIZM™ White Pre-Catalyzed Lacquer 844 Series Colourants</p>	<p>PHYSICAL PROPERTIES</p> <table> <tr><td>Available Sheens</td><td>n/a</td></tr> <tr><td>Weight Solids</td><td>45% ± 2</td></tr> <tr><td>Volume Solids</td><td>32% ± 2</td></tr> <tr><td>Viscosity</td><td>40-45" @ 25°C Ford 4</td></tr> <tr><td>Specific Gravity</td><td>1.1500 ± 0.01 gms/cc @ 25°C</td></tr> <tr><td>VOC</td><td>618 g/l</td></tr> <tr><td>Typical coverage</td><td>10-12 m² / ltr @ 1 mil dry</td></tr> </table> <p>ADDITIONAL CHARACTERISTICS</p> <table> <tr><td>Catalyzation</td><td>n/a</td></tr> <tr><td>Pot-Life</td><td>n/a</td></tr> <tr><td>Reduction</td><td>Not Required</td></tr> <tr><td>Clean-up</td><td>CA4420 Gun Wash</td></tr> <tr><td>Shelf-life</td><td>1 year from date of manufacture</td></tr> </table> <p>Dry Times 26°C (~78°F) 50% RH</p> <table> <tr><td>To Touch</td><td>10 minutes</td></tr> <tr><td>To Sand</td><td>30-60 minutes</td></tr> <tr><td>To Stack/Pack</td><td>24 hours</td></tr> </table> <p><small>Note: Drying times will decrease at higher temperatures/lower humidity and will increase at lower temperatures/high humidity</small></p>	Available Sheens	n/a	Weight Solids	45% ± 2	Volume Solids	32% ± 2	Viscosity	40-45" @ 25°C Ford 4	Specific Gravity	1.1500 ± 0.01 gms/cc @ 25°C	VOC	618 g/l	Typical coverage	10-12 m ² / ltr @ 1 mil dry	Catalyzation	n/a	Pot-Life	n/a	Reduction	Not Required	Clean-up	CA4420 Gun Wash	Shelf-life	1 year from date of manufacture	To Touch	10 minutes	To Sand	30-60 minutes	To Stack/Pack	24 hours
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COLOUR DEVELOPMENT - E16 OMNIPRIME™ can be tinted with 844 Series Colourants up to a maximum of 5% by volume. For deep tinted systems use E15 OMNIPRIME™ Neutral Pre-Catalyzed Primer (refer to TDS for instructions).

COATING PREPARATION - Ensure product is stirred well and brought to room temperature before use. Product may be sprayed by conventional, airless and air-assisted airless spray. E16 OMNIPRIME™ is spray ready as received. If reduction is required for a particular application use T4409 Lacquer Thinner or T4424 Lacquer Thinner Fast up to 10% by volume.

SURFACE PREPARATION - Wood surface should be clean, dry and free from any oil or grease. Sand surface smooth with 150-180 grit sand paper. For easier primer application, seal routed MDF areas with a Katilac pre-catalyzed sealer or topcoat. Allow to dry 30-60 minutes at room temperature and sand coated areas with 240-320 grit sand paper. Then apply E16 OMNIPRIME™.

APPLICATION - This product is designed to be applied in ambient conditions of 12-32°C (~55-90°F) and below 50% relative humidity.

Apply product in full uniform coats ideally applied at a rate of 4 to 5 mils wet. Total film thickness of the finished system should not exceed 4 dry mils.

Coating should be thoroughly dried and sanded smooth before application of the topcoat. Sand with 240-320 grit professional finishing stearated, silicon carbide sandpaper. Proper sanding is critical to produce a smooth finish and promote adhesion between the primer and the topcoat.

SAFETY - During application, always wear eye protection, gloves and appropriate work clothing to minimize contact. Use a respirator and safety glasses at all times when spraying. Explosion proof ventilation is required with special consideration for enclosed or confined areas. Use caution when handling flammable liquids and eliminate sources of ignition and uncovered containers from the work place. Vapours formed from this product may travel or be moved by air currents and ignited by pilot lights, light switches, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from the product.

E16 OMNIPRIME™ Spray Ready Vinyl Modified White Pre-Catalyzed Primer (cont'd)

PERFORMANCE TESTING / FILM CHARACTERISTICS

All performance testing is based on a composite of ASTM, AWI, ANSI and KCMA Standards.

KCI's E16 OMNIPRIME™ Spray Ready Vinyl Modified White Pre-Catalyzed Primer is made from the same high-quality alkyd and amino resins found in KCI's pigmented pre-catalyzed topcoats. Using this product as a seal coat does not detract from the performance attributes of the overall system. See the technical data sheets for KCI's E7 Series PRIZM™ White Pre-Catalyzed Lacquer for detailed performance testing results.

DISPOSAL - Disposal of chemicals and their solutions should be done according to local, provincial and federal regulations. Safety Data Sheets are available and should be consulted when handling products. These products are for industrial and professional use only; Application directions must be followed.

WARRANTY – Katilac Coatings Inc. warrants that its products are free from defects in manufacture for a period of one (1) year from date of purchase, if used prior to expiration date and applied and used in accordance with Katilac Coatings' most current published specifications applicable to such products. Katilac Coatings Inc. expressly disclaims all other warranties, express or implied, including the implied warranties of merchantability and fitness for purpose. Katilac Coatings Inc. disclaims all liability for incidental, consequential or indirect damages of any nature whatsoever. This warranty cannot be changed or modified whether by course of dealing, custom or trade or otherwise, unless agreed to in writing by Katilac Coatings Inc.



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