



FP14 PUREPRIME™ Formaldehyde Free White Pre-Catalyzed Primer

FP14 PUREPRIME™ is a formaldehyde free, solvent borne, pre-catalyzed, alkyd/amino resin based white primer. It is fast drying, yellowing resistant, and easy to sand. Utilizing KCI's GREENCURE™ technology, this advanced product features a unique cross-linking mechanism that does not contain or liberate formaldehyde during the drying or curing process. FP14 has been specifically designed to be used in combination with KCI's FP7 Series PUREGUARD™ Formaldehyde Free White Pre-Catalyzed Lacquers as part of a high-quality interior wood finishing system.

SUGGESTED APPLICATIONS

- Interior trim and millwork
- Office furniture
- Household furniture
- Cabinets

KEY PERFORMANCE FEATURES

- Formaldehyde free
- Yellowing resistant
- Easy sanding
- Fast dry
- Chemical and moisture resistant
- Excellent flow and leveling
- Good filling properties
- Excellent MDF adhesion

RELATED PRODUCTS

FP7 Series PUREGUARD™ Formaldehyde Free White Pre-Catalyzed Lacquer



PHYSICAL PROPERTIES

Available Sheens	n/a
Weight Solids	52% ± 2
Volume Solids	38% ± 2
Viscosity	80-100" @ 25°C Ford 4
Specific Gravity	1.2021 ± 0.01 gms/cc @ 25°C
VOC	577 g/l
Typical coverage	10-12 m ² / ltr @ 1 mil dry

ADDITIONAL CHARACTERISTICS

Catalyzation	n/a
Pot-Life	n/a
Reduction	20% by volume with T4409 Lacquer Thinner or for faster flash T4424 Lacquer Thinner Fast
Retarder	n/a
Clean-up	CA4420 Gun Wash
Shelf-life	1 year from date of manufacture

Dry Times	
26°C (~78°F) 50% RH	
To Touch	10 minutes
To Sand	30-60 minutes
To Stack/Pack	24 hours

Note: Drying times will decrease at higher temperatures/lower humidity and will increase at lower temperatures/high humidity

COLOUR DEVELOPMENT – FP14 PUREPRIME™ White Pre-Catalyzed Primer 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. FP14 PUREPRIME™ requires 20% reduction to spray. Use T4409 Lacquer Thinner or T4424 Lacquer Thinner Fast.

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 FP14 PUREPRIME™.

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.

FP14 PUREPRIME™ Formaldehyde Free 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 FP14 PUREPRIME™ Formaldehyde Free White Pre-Catalyzed Primer is made from the same high-quality alkyd and amino resins found in KCI's formaldehyde free 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 FP7 Series PUREGUARD™ Formaldehyde Free 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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