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VSR80 PERFORMANCE™ Vinyl Sealer

VSR80 PERFORMANCE™ Vinyl Sealer is a solvent borne, ready to spray, one component, alkyd/amino/vinyl resin based, pre-catalyzed, clear sanding sealer. It is water-white, yellowing resistant, easy to sand and exhibits excellent hold-out and adhesion properties. VSR80 has been specifically designed to be used in combination with KCI's EK Series KATILAC™ Clear Pre-Catalyzed Lacquers, KU Series KATILAC ULTRA™ Clear Pre-Catalyzed Lacquers or ESR Series PERFORMANCE™ Clear Pre-Catalyzed Topcoats as part of a high-quality interior wood finishing system.

SUGGESTED APPLICATIONS

- Interior trim and millwork
- Office furniture
- Household furniture
- Cabinets
- Kitchen and bath components

KEY PERFORMANCE FEATURES

- Excellent clarity
- Fast dry
- Easy sanding
- Gun ready for all spraying systems
- Ultra-low formaldehyde
- Chemical and moisture resistance
- Excellent flow and leveling
- Excellent filling properties
- Excellent wood adhesion

RELATED PRODUCTS

EK Series KATILAC™ Pre-Catalyzed Lacquer
KU Series KATILAC ULTRA™ Pre-Catalyzed Lacquer
ESR Series PERFORMANCE™ Clear Pre-Catalyzed Topcoat
B7406 Rich Wiping Stain Base
B7655 ORACLE™ Classic Spray Stain Base

PHYSICAL PROPERTIES

Available Sheens	n/a
Weight Solids	25% ± 2
Volume Solids	18% ± 2
Viscosity	19-21" @ 25°C Ford 4
Specific Gravity	0.9160 ± 0.01 gms/cc @ 25°C
VOC	665 g/l
Typical coverage	6-8 m^2 / ltr @ 1 mil dry

ADDITIONAL CHARACTERISTICS

Catalyzation	n/a
Pot-Life	n/a
Reduction	Not Required
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

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 and is gun ready.

SURFACE PREPARATION - Wood surface should be clean, dry and free from any oil or grease. Moisture content of the wood should be 7-9%. Stains, colour coats, glazes etc. should be applied according to manufacturer's directions and should be dried prior to application of sealers/topcoats. Multi-step colourant systems should be avoided unless they are thoroughly tested for adhesion and compatibility. All colour systems should be examined for colour fastness / fade resistance prior to use. For best results use Katilac stains, toners or colourant systems. Contact a KCI Representative for colour system recommendations.

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 3 to 4 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. It is recommended that the finished item be conditioned for 24 hours at room temperature prior to stacking and packing.

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 handing 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.

VSR80 PERFORMANCE™ Vinyl Sealer (cont'd)

PERFORMANCE TESTING / FILM CHARACTERISTICS
All performance testing is based on a composite of ASTM, AWI, ANSI and KCMA Standards.

VSR80 PERFORMANCE™ Vinyl Sealer is made from the same high quality alkyd and amino resins found in KCI 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 EK Series KATILAC™ Clear Pre-Catalyzed Lacquers, KU KATILAC ULTRA™ Clear Pre-Catalyzed Lacquers and ESR Series PERFORMANCE™ Clear Pre-Catalyzed Lacquers 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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Ver08/23 Supersedes all previous versions.
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