



VS4 QUICKSEAL™ Post-Catalyzed Vinyl Modified Sanding Sealer

VS4 QUICKSEAL™ Post-Catalyzed Vinyl Modified Sanding Sealer is a solvent borne, two component, alkyd/amino/vinyl resin based clear sanding sealer. It is a high-build, water-white sealer that is easy to sand and exhibits excellent hold-out and adhesion properties. VS4 has been specifically designed to be used in combination with KCI clear post-catalyzed lacquers and conversion varnishes as part of a high-quality interior wood finishing systems.

<p>SUGGESTED APPLICATIONS</p> <ul style="list-style-type: none"> • Interior trim and millwork • Office furniture • Household furniture, rustic furniture • Cabinets • Kitchen and bath components <p>KEY PERFORMANCE FEATURES</p> <ul style="list-style-type: none"> • High build • Fast dry • Easy sanding • Gun ready (after catalyzation) • Ultra-low formaldehyde • Chemical and moisture resistant • Excellent flow and leveling • Excellent filling properties • Excellent wood adhesion <p>RELATED PRODUCTS KF Series FUSION™ Quick Dry Post-Catalyzed Lacquer KD Series DIAMOND™ Conversion Varnish PHF Series PINNACLE™ Conversion Varnish KCI Wiping Stains, Spray Stains and NGRs</p>	<p>PHYSICAL PROPERTIES</p> <table> <tr><td>Available Sheens</td><td>n/a</td></tr> <tr><td>Weight Solids</td><td>34.0% ±2</td></tr> <tr><td>Volume Solids</td><td>25.0% ±2</td></tr> <tr><td>Viscosity</td><td>25 to 35" @ 25°C Ford 4</td></tr> <tr><td>Specific Gravity</td><td>0.9474 +/- 0.01 gms/cc @ 25°C</td></tr> <tr><td>VOC</td><td>625 g/l</td></tr> <tr><td>Typical coverage</td><td>6-8 m² / ltr @ 1 mil dry</td></tr> </table> <p>ADDITIONAL CHARACTERISTICS</p> <table> <tr><td>Catalyzation</td><td>10% by volume 1CAT Catalyst</td></tr> <tr><td>Pot-Life</td><td>8-10 hrs @ room temperature</td></tr> <tr><td>Reduction</td><td>T4409 - as required</td></tr> <tr><td>Retarder</td><td>n/a</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	34.0% ±2	Volume Solids	25.0% ±2	Viscosity	25 to 35" @ 25°C Ford 4	Specific Gravity	0.9474 +/- 0.01 gms/cc @ 25°C	VOC	625 g/l	Typical coverage	6-8 m ² / ltr @ 1 mil dry	Catalyzation	10% by volume 1CAT Catalyst	Pot-Life	8-10 hrs @ room temperature	Reduction	T4409 - as required	Retarder	n/a	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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COATING PREPARATION - Ensure product is stirred well and brought to room temperature before use. Add 10 % by volume of 1CAT Catalyst to unreduced product slowly while mixing. Product may be sprayed by conventional, airless and air-assisted airless spray. If reduction is required, use T4409 at 5% by volume.

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 should be dried prior to the 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 KCI stains, toners or colourant systems. Contact a KCI Tech Service 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.

VS4 QUICKSEAL™ should be thoroughly dried and sanded smooth before the application of the topcoat. Sand with 240-320 grit professional finishing steared, 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 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.

VS4 QUICKSEAL™ Post-Catalyzed Vinyl Modified Sanding Sealer (cont'd)

PERFORMANCE TESTING / FILM CHARACTERISTICS

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

VS4 QUICKSEAL™ Post-Cat Vinyl Modified Sealer is made from the same high-quality alkyd and amino resins found in KCI post-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 post-catalyzed (KF Series FUSION™) and conversion varnishes (KD Series DIAMOND™, PHF Series PINNACLE™) 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.



Ver12/19 Supersedes all previous versions.
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