



SHER-WOOD®

Kem Aqua® Waterborne Finishing Systems

THE SMART ALTERNATIVE TO NITROCELLULOSE LACQUER SYSTEMS

- ◆ No flash point or odor
- ◆ Meets KCMA specifications
- ◆ Low VOC and HAPS compliant
- ◆ Fast set up, smooth uniform finish
- ◆ Handles and performs similar to nitrocellulose lacquer systems

PERFORMANCE AND COMPLIANCE

Sher-Wood Kem Aqua Systems bring out the natural beauty of wood while avoiding the hazards associated with nitrocellulose lacquers and highly flammable solvents. Used in conjunction with Sher-Wood Kem Aqua Sanding Sealer and Wiping Stain, the high quality acrylic coating system is ideally suited for aggressive line speeds. A fast setup and other curing features aid in the formulation of a smooth, uniform profile, free of pinholes and voids, which meets tough Kitchen Cabinet Manufacturers' Association (KCMA) testing standards.





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Performance Properties

Sher-Wood Kem Aqua Systems are a smart alternative to nitrocellulose solvent-based lacquers. These water-reducible systems allow wood finishers to comply with new air quality mandates without sacrificing the performance properties required to protect kitchen cabinets, furniture, architectural millwork and other wood products. The Sher-Wood Kem Aqua Systems are compatible with both solvent and water-based stains, and form a hard finish that offers excellent mar, block and print resistance. In addition to satisfying KCMA testing standards, these systems passed 4 freeze-thaw cycles and 20 cold check testing cycles without exhibiting signs of blistering, checking or the formation of other film failures.

Clear Finishing System

The Sher-Wood Kem Aqua Clear Finish System consists of a water reducible wiping stain, sanding sealer and topcoat. These components work together to provide a deep, clear finish that looks and performs as well as solvent-based finishes. The stain provides excellent grain definition with low VOCs. The sanding sealer minimizes tanin bleed and is easy to sand to a smooth, even film build. And with a topcoat that delivers a durable uniform finish, expect a beautiful finish that highlights wood's natural beauty. On your line, all these features add up to a beautiful clear finish that resists UV light, blushing and yellowing.

Pigmented Finishing System

Like its Clear Finish counterpart, the Sher-Wood Kem Aqua Pigmented Finish System delivers the same beautiful and durable finish as nitrocellulose solvent-based alternatives. Available in a wide range of colors and gloss sheens, Sher-Wood Kem Aqua Pigmented Lacquer can be custom-blended at more than 85 North American service

facilities. With a fast setup, good leveling and flow, this system produces a smooth, hard, uniform finish that resists marring, printing and yellowing. Both Sher-Wood Kem Aqua Systems are formulated to maximize throughput. The acrylic production finish dries to the touch in 15 minutes, can be re-coated in 30 minutes and can be either air or force-dried. Easy handling and good sanding properties provide enhanced production efficiency and minimize surface defects.

Regulatory Compliance

In this age of ever-increasing government regulation, Sher-Wood Kem Aqua Systems offer wood finishers quality that is friendly to both the user and the environment. The systems comply with VOC and HAPs emission requirements, and have no flash point or odor. Packaged VOC for the finish is under 2.0 lb./gal. And because Sher-Wood Kem Aqua Systems can be reduced with water, both hazardous waste and the cost of disposing of solvents and chemicals are virtually eliminated.

Finishing Line Formula

Sherwin-Williams is in the business of supplying much more than just advanced finishing systems. All the company's production finishes for metal, plastic and wood substrates are backed by expert technical assistance, design engineering services and color marketing consulting. With over 85 Chemical Coatings Facilities strategically located across North America, and an ever expanding global reach, Sherwin-Williams can satisfy your custom color matching and "just in time" product delivery requirements. These added services ensure your finishing line runs smoothly and at peak efficiency – allowing you to finish ahead of the rest.

For more information,
contact your Sherwin-Williams
Chemical Coatings representative
or call 1-800-524-5979
to have a representative
contact you.