

KYNAR AQUATEC®

A Long-term Solution for Façade Restoration

Kynar Aquatec® PVDF resin is used by paint formulators to make premium weatherable water-based coatings. Kynar Aquatec® resin based coatings can provide similar durability and performance of traditional Kynar 500® resin based coatings. They can easily be applied to a variety of substrates, including metals, plastics, wood, concrete, textiles, and previously painted surfaces. Now, the extreme weather resistance of a Kynar 500® resin based coating is available in a VOC-compliant, field or factory applied, ambient air-dry system. Additional benefits include tremendous resistance to dirt pick-up, outstanding water repellency, and high initial and long-term Total Solar Reflectance and Emissivity.

WHY WOULD I USE IT?

- Color Retention
- Mold and Mildew Resistance
- Ease of Repair and Touch up
- Dirt Pick-up Resistance
- Resistance to Film Erosion

WHAT CAN I PAINT WITH IT?

- Stucco/EIFS
- Concrete
- Aluminum
- Brick
- Steel
- Wood
- Vinyl
- Fiberglass

HOW IS IT APPLIED?

Kynar-Aquatec® resin based coatings can be Brush, Roll, or Spray-applied.

HOW DO I SPECIFY IT?

- Link to the specifications: www.kynaraquatec.com/en/product-info/specifying-kynar-aquatec/
- RIB Speclink (formerly BSD Speclink)



WHERE CAN I FIND IT?

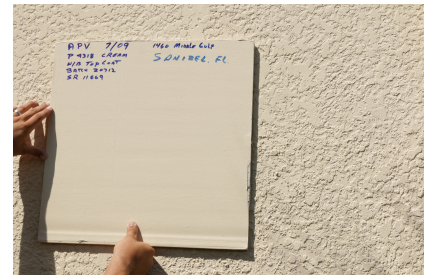
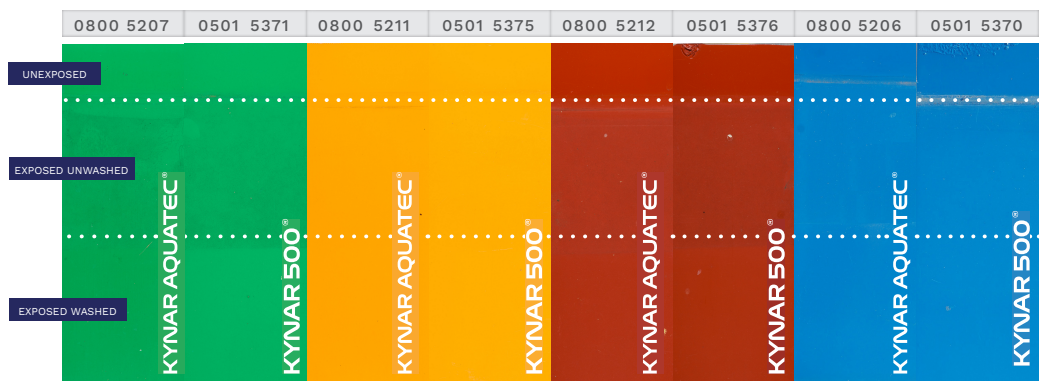
CONSISTENCY THROUGH LICENSING

Kynar Aquatec® PVDF resin is marketed through a strict licensing program that ensures consistency, quality and availability on a worldwide basis. To become an authorized licensee, paint companies participate in a development program and must use a minimum amount of Kynar Aquatec® resin in their coating formulation. Additionally, Arkema will test the coating formulations of an authorized licensee regularly to ensure that the weathering performance meets the minimum requirements in order to be a licensee and promote the Kynar Aquatec® brand.

- Link to the licensees: www.kynaraquatec.com/en/coating-licensees/



COATINGS MADE WITH KYNAR AQUATEC® RESIN AFTER 20+ YEARS, SOUTH FLORIDA, S45° EXPOSURE



Sanibel Island, FL, Residence: A recent examination of the Kynar Aquatec® resin-based coating on this Sanibel Island home found a total color difference of only 1 delta-E (ΔE) unit after eight years, considerably less than the parameters of the warranty issued by the paint manufacturer, which covers ΔE of 5 or higher. There were also no signs of chalking or coating degradation, and no mold or algae growth on any area of the property. The strong color hold of Kynar Aquatec® is demonstrated by comparing an original unweathered panel against the home's exterior after eight years in the strong Florida sun.



Plaza at Black Mountain, AZ: During a mid-2019 inspection (right), a building tenant removed a banner hung just after the original application of APV NeverFade® coating in 2010. The area behind the banner, unexposed to the harsh sun, was identical in color and appearance to the rest of the wall -- a strong testament to the coating's long-term ability to resist chalking and fading.

APPLICATION/SURFACE PREPARATION:

PROPER SURFACE PREPARATION IS A KEY TO SOLID PERFORMANCE

Rust, cracked, and loose coatings should be removed. The surface should be properly primed prior to applying a Kynar Aquatec® PVDF resin-based coating. Kynar Aquatec® licensees can provide specific guidance based on the substrate and the project.

General Guidelines

General:

Clean and dry surfaces, free of contaminations such as mildew, dirt, grease, oils, and any other contamination that can affect adhesion prior to application.

Remove loose, flaking, or oxidized paint from surface by water blasting, wire brushing, grinding, or scraping.

Masonry: Properly cured, dry and free of laitance. Smooth and free of ridges and depressions.

Wood: Smooth surfaces, free of protruding nails and depressions or raised edges. Fill damaged areas.

Stucco: Smooth, dry, and free of uneven joints between panels. Remove loose or powdery surfaces and repair as necessary. Allow new stucco to cure for 30 days prior to priming and painting.

Fiber Cement: Smooth, dry and free of uneven joints between units. Remove loose or peeling paint. Pressure wash surfaces as needed and allow to dry for two days prior to priming and painting.

Concrete Masonry Unit (CMU): Fill voids and cracks and remove ridges and fins, leaving a smooth, clean surface.



Newport Center, Newport Beach, CA, metal surface prep (left) and completed (right)



Jewish Adoption and Family Care Options, Ft. Lauderdale, FL, stucco surface prep (left) and completed (right)



New York City, NY, Store Front (56-58 Warren Street) wood surface prep (left) and completed (right)

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