



PRODUCT DATA SHEET

NeverFade® with Kynar Aquatec®
PVDF Exterior Paint
P-SERIES



Natural elements, such as sunlight, water, wind, and air, drastically break down coatings over time. The heart of the Kynar Aquatec® emulsion technology, the key ingredient in the NeverFade® Topcoat, is the carbon-fluorine (C-F) bond. The C-F bond is one of the strongest bonds known and it is the basis for extreme weatherability, withstanding harsh thermal, chemical, and ultraviolet environmental conditions.

PRODUCT DESCRIPTION:

NeverFade® with Kynar Aquatec® resin is one of APV's most advanced exterior paint chemistries, which is highly resistant to UV degradation. Offered with a 15 year warranty against fading, NeverFade® has proven its longevity in protecting and preserving color vibrance- even with dark colors and earth-tones. Along with fade resistance, NeverFade® protects surfaces against algae, fungus, abrasion, dirt pickup, stains, and chalking. Colors are custom matched to order.

PHYSICAL PROPERTIES:

Product Name:	NeverFade® Exterior Paint	
Product Number:	P-Series	
Color:	Custom	
Type:	Water-Based	
Viscosity: (ASTM D 2196-86):	85-100 KU @ 77°F	
Weight per Gallon (ASTM D 1475-90):	9 -12 lbs/gal (1.083-1.443 g/ml)	
Specific Gravity (ASTM D 1475-90):	1.44	
Gloss @60°	10-20 (Eggshell), 30-45 (Semi-gloss)	
pH:	8 - 10	
Flash Point:	> 212 °F (100°C)	
Solids:	39-55% by weight 35-45% by volume	
VOC:	Wet:	.01-.02 lb/gal (1.20-2.40 g/l)
	Dry:	.02-.05 lb/gal (2.40-6.0 g/l)
Recommended Film thickness:	4.5 - 6.0 mil, wet 1.8 - 2.4 mil, dry	
Coverage:	250 - 300 sq ft/gal	
Dry Time:	To touch: 30-60 min. (dependant on air temperature/humidity) To topcoat: 24 hours	
Shelf Life:	12 Months unopened	
Freeze Caution:	Keep from freezing	
Recommended Storage:	Cool Dry Storage	

SUBSTRATES:

NeverFade® with Kynar Aquatec® is recommended for use over a number of different substrates including Wood, Stucco, Aluminum, Vinyl, Masonry, Concrete Block, & Fiber Cement. Other substrates are acceptable, contact APV Engineered Coatings' Technical Department for approval and application specifications.

SHEENS:

NeverFade® with Kynar Aquatec® is available in Eggshell and Semi-gloss sheens. Flat or low-gloss may be formulated under special request.

PACKAGING:

NeverFade® with Kynar Aquatec® is a ready-to-use product. Packaging sizes include: 1 gallon cans, 5 gallon pails and 55 gallon drums.

FEATURES:

15 Year Warranty
Against Fading

Exceptional
Resistance to UV
Degradation

Resistant to Algae &
Fungal Growth

Resistant to
Abrasion

Resistant to Dirt
Pick-up

Resistant to Staining

Resistant to
Chalking

Resistant to Mildew

Water-Based

Low VOC

Easy Application

Non-Hazardous

Industry Proven
Resin

Custom Matched
Colors

High Quality
Pigments

SUBSTRATE PREPARATION:

The surface preparation is key to the success of the coating system. In all cases, the coating is designed to adhere to the substrate it is applied to. The substrate must be free from all contaminants and loose or chipping paint. Remove all surface contamination by pressure washing with a mixture of one part liquid bleach to three parts water and rinsing thoroughly. Be sure to remove any excess mold, mildew, or algae growth during this process by wetting the affected area, scrubbing the solution into the surface, and rinsing thoroughly. Allow to completely dry for 1-3 days (depending on ambient air temperature and substrate), provided it has not rained or snowed. Scrape and sand peeled paint and/or glossy surfaces. Apply W-1500 Primer and/or sealer to bare areas. All surfaces must be chalk-free prior to painting. In cases where chalk is persistent, it is required to apply a chalk sealer. Caulk/patch gaps between windows, doors, and trim, as well as all cracks on the surface. Allow caulk to cure for 24 hours.

WOOD

Patch and sand any exposed bare wood. Fill damaged areas. Prime patched areas with W-1500 Primer before topcoating.

STUCCO

Remove loose or powdery stucco and repair as necessary. Allow new stucco to cure for 30 days prior to painting. Apply W-1500 Primer before applying the topcoat.

ALUMINUM OR VINYL

Remove powdered, oxidized surface with scrubbing pad. Rinse thoroughly and allow to dry before top-coating. (Do not use steel wool with water reducible coatings as rust streaking may result.)

CONCRETE BLOCK

All new concrete products should be allowed to cure for at least 30 days before coating. Pre-painted block should be high pressure washed to remove dirt, loose paint or chalking. Apply W-1500 Primer before applying the topcoat.

MASONRY/FIBER CEMENT

Remove all loose or peeling paint and pressure wash surface. Allow to dry for two days before painting. Prime bare spots using W-1500 Primer.

CLEANUP INFORMATION:

Clean hands immediately after use with soap and water. Use water to thoroughly clean application equipment. This will keep the coating from curing onto the surfaces. Any cured or dried coating left on the equipment will have to be removed with standard grade paint thinner. After cleaning, flush spray equipment with water or a water/solvent blend. Always observe good professional hygiene practices and wash hands thoroughly after using this product.

In case of spill, absorb with a dry inert material and dispose of in accordance with local or state ordinance.

APPLICATION:

Follow the guidelines on surface preparation thoroughly. Inadequate surface preparation can lead to coating failure and/or under-performance. When repainting a surface, spot prime bare areas with W-1500 Primer and apply one coat of NeverFade® topcoat. Apply two coats as needed to attain full hiding from underlying color. Topcoats should be allowed to dry for a minimum of 2 to 4 hours between applications. Although NeverFade® has been designed to apply over a wide variety of surface types, some substrates require additional preparation. Generally, on bare unpainted surfaces, one coat of primer and one coat of NeverFade® topcoat should be applied, allowing at least 1 day to air dry in between coats. Previously painted surfaces require spot priming on bare areas, followed by one coat of NeverFade® topcoat. In all cases, the substrate must be properly prepared as defined in SURFACE PREPARATION below.

Ambient air temperature is pertinent to coating performance and cure. Be sure to check that the air, surface, and material are between 55°F - 90°F and at least 5°F above the dew point. Avoid application if rain or snow is expected within 24 hours and/or if air or surface temperature is expected to drop below 35°F within two days. Do not apply paint in direct sunlight as the flow, leveling and application characteristics will be adversely affected.

NeverFade® can be applied with a brush, roller, or spray gun. When using a spray application, it is advisable to back-roll surfaces to assure proper wetting of the substrate.

NeverFade® should be applied in one or more of the following manners:

- » Brush- Nylon/Polyester Brush
- » Roller- 3/8" - 3/4" nap cover
- » Airless spray- Tip .015-.019, Pressure- 1500-2000P.S.I.

No reduction necessary. Back-roll sprayed product. NeverFade® should be mixed thoroughly before use. No dilution is necessary for normal application, but small amounts of cool, clean, water can be added if needed.

CAUTIONS:

Always use with adequate ventilation and proper NIOSH approved respirator. Avoid breathing mist or sanding dust created by the application. Always dispose of the dry, empty containers in compliance with local or state regulatory codes. First Aid: In case of eye contact, flush with water for 15 minutes. In case of skin contact, wash with soap and water. If you experience difficulty breathing, seek a fresh air source. In all cases, if you continue to experience discomfort, seek medical attention immediately. For professional use only. For external use only. Protect from freezing. Do not take internally. Keep out of reach of children. Refer to the Material Safety Data Sheet for safety instructions.

WARNING! Removal of old paint may generate fumes and dust that contain lead. This may be a step in the surface preparation process outlined previously. Lead can cause serious health effects. For more information regarding the proper protective equipment, containment, and cleanup for the removal of lead based paints contact the National Lead Information Center at 1.800.424.LEAD or contact your local health authority.

NOTE: The information and data given herein are based upon tests and reports considered reliable and are believed to be accurate. However, due to varied application and handling methods, no guarantee of duplicate performance, expressed or implied, is made.

*NeverFade® uses a specialized pigment system. Some colors may not incorporate this pigment system which, therefore, will not be covered under the warranty. APV will notify all customers if the chosen color falls outside of this system.

NeverFade® is a trademark belonging to APV Engineered Coatings, Inc. Sold under a trademark license from ARKEMA INC. which is the owner of the KYNAR and KYNAR AQUATEC Trademarks.



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