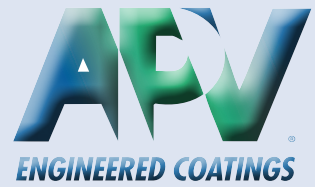




PRODUCT DATA SHEET



DURABRIGHT™

with Kynar Aquatec® Resin

The future looks bright!

DuraBright™ with Kynar Aquatec® Resin is one of APV's most weatherable coating technologies. This industrial grade fluoropolymer (PVDF) coating expertly protects against UV degradation, algae, fungus, abrasion, dirt pickup, stains, chalking, mildew, blistering and peeling and is custom formulated in any bright or vibrant color requested. Used throughout a variety of industries including, Aerospace, Building Products, and Vinyl Manufacturing, **DuraBright™** has been the keystone for outstanding performance in the harshest of weather conditions.

SHEENS: Available in Flat, Satin, Eggshell & Semi-Gloss formulations.

SUBSTRATES: Wood, Stucco, most Metals, Vinyl, Masonry, Concrete Block, and Composite Cement.

APPLICATION:

Follow the guidelines for surface preparation thoroughly. Inadequate surface preparation can lead to coating failure and/or under-performance. When repainting a surface, spot prime bare areas with our Universal Primer and apply one coat of DuraBright™ topcoat (at the APV specified mil thickness per your project). 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 DuraBright™ was designed to be applied over a wide variety of surface types, some substrates require additional preparation. Generally, on bare surfaces, one coat of primer and one coat of DuraBright™ 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 DuraBright™ 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.

If factory applied, DuraBright™ can be flash cured for 2-4 minutes and then baked in an oven for 2-4 minutes at 250°-275° Fahrenheit to speed up drying time.

DuraBright™ 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.

DuraBright™ 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.

DuraBright™ should be mixed thoroughly before use. No dilution is necessary for normal use, but small amounts of cool, clean, water can be added for spray application if needed.

Features:

Industry Proven Technology

Exceptional Resistance to UV Degradation

Resistant to Algae and 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

Custom Matched Colors

APV Engineered Coatings
1390 Firestone Parkway Akron, Ohio 44301 USA
800.772.3452 sales@apvcoatings.com www.apvcoatings.com



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 the surface 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 the appropriate primer (Universal 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 Universal 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 NeverFade™ Universal Primer before applying the topcoat.

METAL 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 Universal Primer before applying the topcoat.

MASONRY/COMPOSITE CEMENT

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

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.

CLEANUP INFORMATION:

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

COMMENTS: & CAUTIONS:

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.

In case of spill, absorb with a dry inert material and dispose of in accordance with local or state ordinance. Always use with adequate ventilation and proper NIOSH approved respirator. Avoid breathing mist or sanding dust created by the application, sanding, or clean up of this product. 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.

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DuraBright™ is a trademark belonging to APV Engineered Coatings.



APV
ENGINEERED COATINGS

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.