

DuPont Aviation Finishes Product Overview



DuPont Aviation Finishes



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DuPont Aviation Finishes offers a complete line of coatings for premium completion and refinishing of aircraft. These high-performance products provide the outstanding results you expect from DuPont – First Quality Aircraft, the First Time, Every Time.



Pre-Treatments

DuPont™ 13204S™ Aluminum Alloy and Metal Cleaner

DuPont™ 13204S™ provides deep cleaning and conditioning of metal surfaces in preparation for a subsequent conversion coating. This step is commonly referred to as acid etch treatment. DuPont™ 13204S™ is recommended for high copper aluminum alloys where DuPont™ 13205S™ is not recommended.

DuPont™ 13205S™ Aluminum Cleaner

DuPont™ 13205S™ provides deep cleaning, brightening, and conditioning of aluminum surfaces in preparation for a subsequent conversion coating. This step is commonly referred to as acid etch treatment. DuPont™ 13205S™ should not be used on high copper bearing aluminum alloys (e.g. 2024) or aluminum castings.

DuPont™ 13206S™ Aluminum Conversion Coating

DuPont™ 13206S™ provides a chromate conversion coat on aluminum and aluminum alloys. The coating formed by DuPont™ 13206S™ is gold to tan in color and provides for adhesion of subsequent primer as well as corrosion protection. DuPont™ 13206S™ Aluminum Conversion Coating is recommended as part of an aluminum pre-treatment system with either DuPont™ 13204S™ Aluminum Alloy and Metal Cleaner or DuPont™ 13205S™ Aluminum Cleaner.

DuPont™ 13238S™ Epoxy Pre-Treatment

DuPont™ 13238S™ provides adhesion and corrosion resistance for aluminum, aluminum alloy, and metal substrates. DuPont™ 13238S™ is recommended for use as a metal pre-treatment/conversion coating in lieu of a chromic-acid conversion coating.



Primers and Surfacer

Corlar® 13550S™ Corrosion-Resistant Epoxy Primer

Corlar® 13550S™ provides excellent corrosion resistance, adhesion, and Skydrol®-resistance for aerospace applications. Formulated for direct-topcoat applications, it facilitates excellent finished appearance due to minimal primer texture. This high-solids primer also provides productive dry times and is recommended for use as a primer over properly treated substrates.

Corlar® 13570S™ Non-Chromate Epoxy Primer

Corlar® 13570S™ provides excellent corrosion resistance and adhesion for aerospace applications where a chromate-containing primer is not acceptable. Formulated for direct-topcoat applications, it facilitates excellent finished appearance due to minimal primer texture. This high-solids primer also provides productive dry times and is recommended for use as a primer over properly treated substrates.

Corlar® 13560S™ Epoxy Surfacer

Corlar® 13560S™ Epoxy Surfacer is a sanding primer that provides a level, texture-free surface for single or multi-stage topcoats. It has been formulated to sand easily while providing productive dry times and excellent topcoat holdout. Corlar® 13560S™ is recommended for use as a sanding surfacer over properly treated and/or primed substrates.

Uro® 13520S™ Urethane Surfacer

Uro® 13520S™ Urethane Surfacer is a sanding primer that provides a level, texture-free surface for single or multi-stage topcoats. It provides productive dry times and excellent topcoat holdout. Uro® 13520S™ is recommended for use as a sanding surfacer over properly treated and/or primed substrates. Uro® 13520S™ is ideal for spot-repair or similar applications requiring productive dry times.



Single Stage Topcoats

Imron® AF3500™ Polyurethane Topcoat

Imron® AF3500™ is a Skydrol®-resistant acrylic/polyester-based polyurethane coating designed to deliver premium appearance and durability. This high-solids topcoat is available in factory-packaged whites and mixed solid colors. Imron® AF3500™ is recommended for jet aircraft and similar general aviation applications where exceptional appearance, long-term fluid resistance, and outstanding durability are required.

Imron® AF400™ Polyurethane Topcoat

Imron® AF400™ is an acrylic/polyester-based polyurethane coating designed to deliver excellent appearance and durability. This high-solids topcoat is available in factory-packaged whites and mixed colors. Imron® AF400™ is recommended for riveted aircraft and similar general aviation applications where excellent appearance, durability, sag resistance, and ease of use are required. Imron® AF400™ is ideal for air dry applications where forced drying (bake) is not available.



Basecoat and Clearcoats

Imron® AF700™ Polyurethane Basecoat

Imron® AF700™ is a Skydrol®-resistant acrylic/polyester-based polyurethane coating designed to deliver excellent appearance, durability, and unparalleled color. This high-solids basecoat is available in solid, metallic-effect, and pearl-effect mixed colors. Imron® AF700™ is a versatile system recommended for aviation applications where premium color is essential in achieving designs—whether simple or complex; conservative or bold. Imron® AF700™ is ideal for accent stripes on business jets and single-engine aircraft, as well as dynamic body color on rotary-wing aircraft.

Imron® AF730™ Polyurethane Clearcoat

Imron® AF730™ is a clear Skydrol®-resistant polyurethane coating designed to deliver premium appearance and durability, as part of the Imron® AF700™ Basecoat/Clearcoat system. Imron® AF730™ is formulated to provide a glass-like finish with exceptional clarity and minimal orange peel. Imron® AF730™ is ideal for accent stripes on business jets and single-engine aircraft.

Imron® AF740™ Polyurethane Clearcoat

Imron® AF740™ is a clear polyurethane coating designed to deliver excellent appearance, durability, and robust application as part of the Imron® AF700™ Basecoat/Clearcoat system. Imron® AF740™ is formulated to provide balanced performance including smooth appearance, resistance to sag, and productive dry times. Imron® AF740™ is ideal for larger-area applications such as base/clear of rotary-wing aircraft, application on riveted-surface aircraft, and accent stripes on single-engine aircraft.



Interior Finishes

DuPont™ 13325S™ Polyurethane Clearcoat

DuPont™ 13325S™ is a clear polyurethane coating designed to deliver excellent appearance and durability for interior cabin surfaces. DuPont™ 13325S™ delivers exceptional clarity, dry times, sandability, and low overspray. DuPont™ 13325S™ is recommended for use with DuPont™ RKP32910™ as part of a wood cabinetry finishing system.

DuPont™ RKP32910™ Clear Polyurethane Filler-Sealer

DuPont™ RKP32910™ is recommended for use with DuPont™ 13325S™ as part of a wood cabinetry finishing system. This system is designed to provide excellent appearance while reducing overall material usage and labor cost in the production of high-build, mirror-finish wood surfaces. DuPont™ RKP32910™ delivers excellent clarity, dry times, and sandability while filling/sealing substrate for final clearcoat application.



Additional Aviation Products

DuPont™ 13920S™ Low VOC Cleaner

DuPont™ 13920S™ is a multi-use cleaning solvent, suitable for cleaning equipment used in polyurethane and epoxy coating operations.

DuPont™ 13959S™ Waterborne Cleaner

DuPont™ 13959S™ is a multi-use waterborne surface cleaner.

For more information, call 1-800-GET DUPONT.

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