



Transportation | Aviation

Premium quality coatings for aircraft

AXALTA COATING SYSTEMS

Axalta Coating Systems offers a complete system of aviation finishes, scientifically engineered to deliver the industry's best appearance, performance and corrosion protection.

Built for Performance

Whether you're dealing with corporate jet, propeller or rotary aircraft, count on the coatings chosen by some of the aviation industry's most elite manufacturers. Superior resistance to wear and tear means that aircraft painted with Axalta® finishes require less finish maintenance over time - reducing your costs and keeping your aircraft looking great longer.

The Industry standard for performance and durability

At the forefront of our offering is Axalta's Imron® product range: an industry-leading polyurethane that is designed to deliver consistent, premium-quality results. In head-to-head tests with the best-performing challenger we could find, Imron® demonstrated superior resistance and retained its gloss and mirror like finish longer than the competition under accelerated environmental exposure.

The results speak for themselves - Axalta Imron® simply outperforms the competition.

A Complete Range.

Pre-treatments

AXALTA® 13204S™ Cleaner

Used to deep clean, etch and condition metal surfaces prior to a conversion coating. Recommended for high copper aluminium alloys, such as 2024-T3 aviation aluminium where Axalta® 13205S™ is not recommended.

AXALTA® 13205S™ Cleaner

Used to deep clean, brighten, and condition aluminium surfaces in preparation for a subsequent conversion coating. Not recommended for high copper aluminium alloys or aluminium castings.

AXALTA® 13206S™ Conversion Coating

A chromate conversion coat for use on aluminium and aluminium alloys. The coating is gold to tan in colour and is designed to provide good corrosion protection and to improve adhesion of primers. 13206S™ meets requirements of MIL-C-5541.

Primers

Corlar® 13550S™ as a Primer

A strontium chromate based epoxy primer designed to deliver excellent adhesion and corrosion resistance. Formulated for direct topcoat applications, 13550S™ is highly productive and features minimal texture for an excellent final appearance. 13550S™ is MIL-PRF-23377 approved.

Corlar® 13580S™ as a Primer

A chromate-free epoxy primer that satisfies the requirements of MIL-PRF-23377. It is designed to deliver excellent adhesion and corrosion resistance. Formulated for direct-topcoat applications, 13580S™ features minimal texture for an excellent final appearance.

Surfacers

Corlar® 13580S™ as a Surfer

A chromate-free epoxy surfacer that satisfies the requirements of MIL-PRF-23377. It's designed to deliver excellent adhesion, corrosion resistance, and can achieve 50 to 100 microns dry film thickness. Formulated for direct topcoat applications, 13580S™ features minimal texture for an excellent final appearance.

Single Stage Topcoats

Imron® AF400™ Topcoat

A polyurethane topcoat that is designed for excellent appearance and durability. It is recommended for riveted aircraft and similar general aviation applications, where excellent appearance, durability, sag resistance, and ease of use are required. Ideal for air-dry applications.

Imron® AF3500™ Topcoat

A polyurethane topcoat that is designed for premium appearance and durability. It is recommended for jet aircraft and similar general aviation applications where exceptional appearance, long-term fluid resistance, and outstanding durability are required.

Basecoat/Clear Coat

Imron® AF700™ Basecoat

A polyurethane basecoat that is designed for excellent appearance, durability, and unrivalled colour capability. AF700™ is ideal for paint schemes that require premium colour, including accent stripes on business jets and single engine aircraft, and dynamic colour schemes on rotary-wing aircraft. Available in solid, metallic and pearl effect colours.

Imron® AF740™ Clear Coat

A polyurethane clear coat that can deliver excellent appearance and durability. AF740™ is easy to apply and formulated for sag resistance and productive dry times. It is recommended for stripes and overall applications.

The best demand the best. Axalta®.

Axalta's aviation coatings are trusted by the aircraft industry's elite manufacturers and refurbishers. Products approved are as follows:

Specification

Axalta® Product

MIL-C-5541 – Aluminum Conversion Coating

Axalta® 13206S™ Aluminum Conversion Coating (Alodine 1201)

MIL-PRF-23377 – Epoxy Corrosion Primer

Corlar® 13550S™ Epoxy Primer (> 3,000 hours salt spray)

Gulfstream: GAMPS 3209 – Urethane Enamel, Preparation and Application

Imron® AF700™ Basecoat, Imron® AF740™ Clear Coat

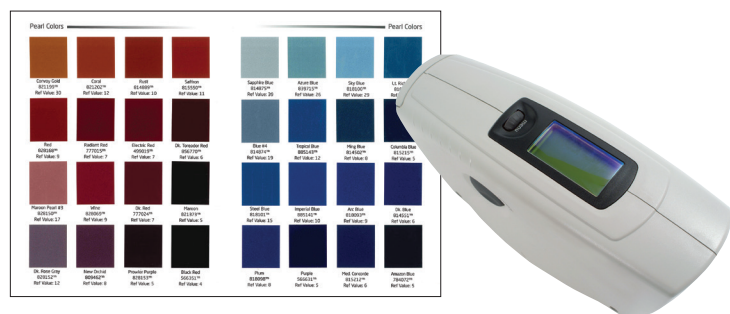
Cessna: CMFS037 – Coating: Polyurethane, High Solids

Imron® AF3500™ Topcoat

An Array of Colour Choices.

Axalta® boasts the industry's largest palette of solid, metallic and pearlescent colours. An extensive offering of Axalta® Imron® single-stage and basecoat colours have been developed to exacting standards.

Colour selection is made easy with Axalta® colour tools. The **Acquire® Spectrophotometer** is a portable computerised colour matching system which accurately reads a chosen colour surface and assists with colour identification. The **Axalta® Aviation Colour Selector** chart is also available to help you select from a range of popular solid and pearl aviation colours. This ensures customers have a very easy to use, quick visual reference. This unbeatable combination helps colour identification become more efficient, reliable and time-saving.



Protect your Investment.

Axalta's aviation products are available through our network of distributors covering all areas of Australia and New Zealand.

Our distributors can also assist with colour selection and mixing topcoat and basecoat products to suit your colour requirements. Contact us for more details.





Contact us.

Australia & New Zealand

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