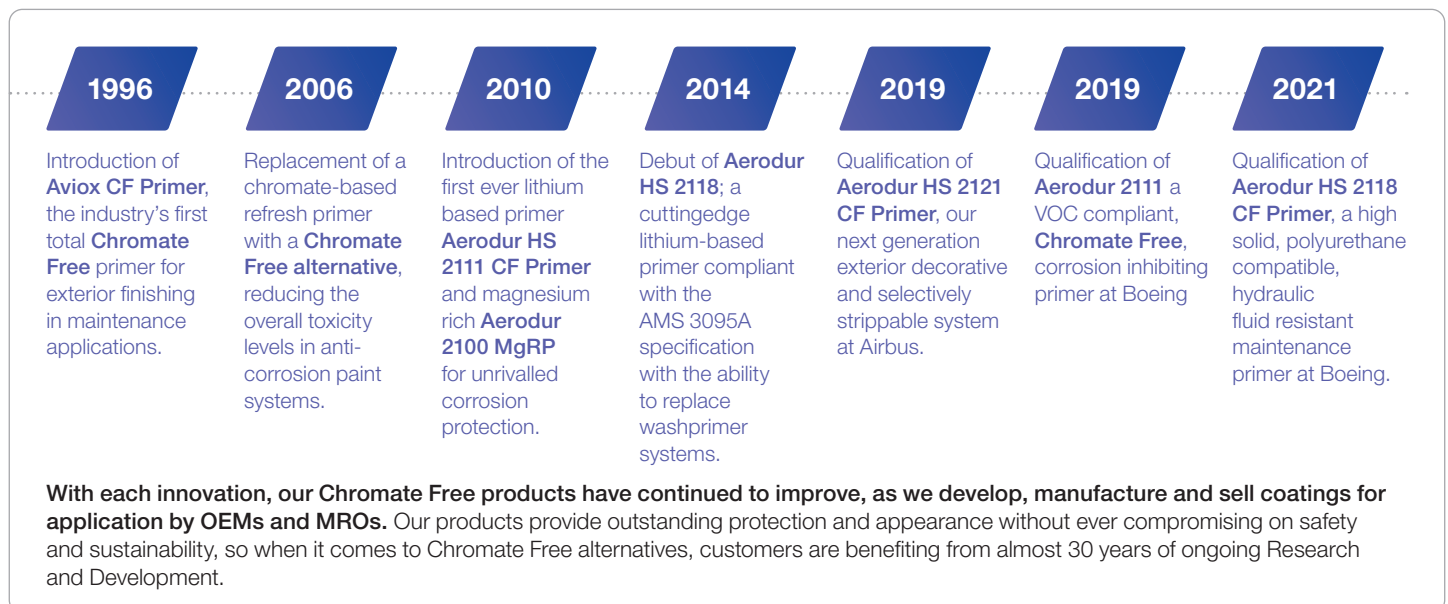


Chromate Free Paint systems

AkzoNobel's legacy in anti-corrosion aerospace coatings is the cornerstone of our global leadership position. In 1996, our unrivalled track record in Chromate Free coating systems began, and we have been refining our products ever since, providing new alternatives to chromate-based exterior systems with exceptional results.



Why go Chromate Free?

Hexavalent chromium, the most commonly used corrosion inhibitor for aircraft, is subject to increasing regulations due to both environmental and health and safety concerns. Switching to a Chromate Free alternative is therefore not only the responsible action, but also one that will future-proof your operations.

With our world-class expertise and continuous pioneering research, you can achieve a Chromate Free future with confidence, safe in the knowledge that your aircraft's coatings will continue to offer the best-in-class protection against corrosion, while also helping to support your drive for sustainability.

At AkzoNobel, we're focused on ensuring that the pioneering paints and coatings we supply today can help safeguard our world far beyond tomorrow. We innovate with and for customers and play a progressive and collaborative role in energizing entire industries to advance towards a more sustainable future.



What Chromate Free products do we offer?

We offer several Chromate Free solutions for exterior application:

Aerodur 2100 MgRP	A magnesium-rich coating that works through the unique cathodic protection mechanism, safeguarding aluminum just as zinc safeguards steel. Meeting the AMS 3095B and military specifications, 2100 MgRP has exceptional performance in corrosion protection, outperforming chromated systems under certain conditions.
Aerodur 2111	Using our patented lithium-based technology, 2111 provides active protection through the same leaching process as chromate-based primers. It is optimized for Boeing specifications.
Aerodur HS 2118	Following 2111, HS 2118 was tailored to the AMS 3095B specification. Consistent performance with direct-to-metal application and all pre-treatments makes it our most flexible product for maintenance application
Aerodur HS 2121	Aerodur HS 2121 is the latest Chromate Free exterior refresh primer developed for Airbus and airlines (applied at final assembly stage). Based on lithium technology, it offers a number of key benefits, including improved adhesion, appearance, and layer thickness savings.

What's next for our Chromate Free range?

We have an ongoing commitment to providing proven, reliable Chromate Free solutions in the aerospace industry, working in close collaboration with our partners and offering total transparency so you can trust in our results.

Our next Chromate Free innovation will be a durable, high performance coating for aircraft structures and repairs. It will draw upon our proven and trusted primer technology, coupled with the latest advancements in corrosion inhibition developed and patented by AkzoNobel, to deliver sustainable protection, superior robustness and ease of application.

Our global leadership in corrosion protection is enhanced by decades of experience and partnerships with key OEMs, global research institutes and academia. With our unrivalled skill, technical knowledge and global support network, AkzoNobel remains the ideal partner to support you in developing Chromate Free systems for your aircraft.



Contact your local AkzoNobel representative to see how we can help you rethink your choice of coatings, or visit our website at: aerospace.akzonobel.com. Alternatively, e-mail us at: customer.service@akzonobel.com

Since 1792, we've been supplying the innovative paints and coatings that help to color people's lives and protect what matters most. Our world class portfolio of brands – including Dulux, International, Sikkens and Interpon – is trusted by customers around the globe. We're active in more than 150 countries and use our expertise to sustain and enhance everyday life. Because we believe every surface is an opportunity. It's what you'd expect from a pioneering and long-established paints company that's dedicated to providing sustainable solutions and preserving the best of what we have today – while creating an even better tomorrow. Let's paint the future together.

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