



SPRAYLAT INTERNATIONAL

Aerospace Temporary Surface Protection

A large white commercial airplane is shown in flight, banking upwards and to the right. The aircraft is set against a backdrop of a vast, blue sky filled with soft, white clouds. The lighting suggests a bright, sunny day, with the sun low on the horizon, creating a warm glow over the clouds. The airplane's engines and wings are clearly visible, and the overall scene conveys a sense of high-altitude travel and aerospace technology.

Company History

Founded in the USA in 1936, Spraylat pioneered the development of liquid-applied, peelable protective coatings. Initially created to protect footwear and whitewall tyres, the technology quickly proved its versatility and performance.

Following the Second World War, Spraylat coatings were adopted by the US military to protect aircraft during long-term storage in the Arizona desert, demonstrating early on the product's ability to perform in extreme environments. This heritage of protection, reliability and innovation continues to underpin Spraylat's aerospace capabilities today.

Our Brand

Since 1992, Protectapeel has been manufactured and supplied in the UK, supporting global industries with consistent, high-performance temporary protection. Spraylat's continuous manufacturing processes operate in full compliance with ISO 9001 quality standards, ensuring traceability and dependable product performance.

Spraylat International Ltd continually invests in advanced materials and modern manufacturing technologies, enabling the development of protective coatings that meet the evolving demands of the aerospace sector.



1936 - 1991

Founded in the USA in 1936, Spraylat pioneered liquid-applied, strippable protective coatings. The technology was rapidly adopted by the military and aviation sectors, with the coating being specified by aerospace leaders including Boeing and McDonnell Douglas for fabrication and assembly.

1992 - 2000

Founded in 1992, Spraylat International Ltd developed Protectapeel and the Protectapeel Preservation System for the long-term mothballing of aircraft, delivering reliable internal and external protection during extended storage. Suitable for most non-porous surfaces and compliant with US Mil-C-6799C, the system is trusted by leading aerospace organisations including GE Aviation and GKN Aerospace, and remains in active use across the sector today.

2001 - 2010


As aerospace manufacturing requirements evolved, Spraylat formulated specialist Protectapeel coatings in-house to support chemical milling and production processes. Protectapeel is used to protect aero engine components and aircraft fuselage during chemical milling, as well as throughout manufacture and assembly, ensuring controlled processing and surface integrity.

2011 - 2020

As Protectapeel became established within the aviation sector, its applications continued to expand. BAE Systems adopted the coating to protect high-value canopies on Typhoon aircraft, reinforcing its suitability for critical aerospace components.

2021 - PRESENT

Protectapeel is widely used across the aerospace industry, enabled by Spraylat's in-house manufacturing and testing capabilities. This allows bespoke coatings to be developed for specialist applications, including trials with Musketeer Solutions at RAF Waddington, where Protectapeel was applied to a retired Boeing 707 training airframe.



Protectapeel is widely used across the aerospace industry to protect aircraft and components throughout manufacture, transportation and storage. It also provides reliable short and long-term protection, including full aircraft mothballing during extended storage. This versatility ensures surfaces remain protected from damage, contamination and environmental exposure.

- Liquid applied by airless spray gun for consistent coverage
- Easy to remove by peeling, leaving the surface residue-free
- Ideal for shaped and curved surfaces
- Meets US Mil-C-6799C
- Protection from; scratching, weld spatter, UV, weathering and more.
- Up to 12 months of protection with no loss of adhesion, ensuring consistent performance over extended deployment or storage periods
- Eliminates the need for surface preparation prior to painting, preserving substrate integrity and reducing process steps
- Labour-efficient application and removal, minimising downtime and manpower requirements
- Fully recyclable within the UK, supporting defence sustainability and waste-reduction objectives
- ISO 9001 accredited
- VOC Free products



Protectapeel is applied quickly and efficiently using airless spray equipment, enabling consistent coverage across complex geometries, curved panels and contoured components without the need for cutting, trimming or measuring. This significantly reduces application time while ensuring complete surface protection, even on challenging shapes commonly found in aerospace structures.

Once applied, Protectapeel dries to form a durable, airtight protective layer that bonds securely to the surface for up to 24 months with no loss of adhesion. It provides reliable protection against scratching, overspray, weld spatter, dirt, spills and general handling damage throughout manufacture, storage and transportation.

When protection is no longer required, the coating is removed cleanly by hand peeling leaving surfaces pristine and undamaged, ready for inspection, final assembly or customer handover, with no residue and no additional cleaning required.



“THE USE OF PROTECTAPEEL ON OUR STORED AIRCRAFT PROVED HIGHLY EFFECTIVE OVER A TWELVE MONTH PERIOD AND WE WOULD CERTAINLY CONSIDER USING THIS PRODUCT AGAIN FOR SIMILAR APPLICATIONS IN THE FUTURE.”

STEVE WELBURN

PRINCIPLE CONSULTANT | MUSKETEER SOLUTIONS





Protectapeel is widely used in the aerospace industry during chemical milling and etching processes to selectively protect critical areas of aircraft components. Applied prior to processing by airless spray, roller or dip, the coating acts as a durable, maskant, allowing controlled material removal whilst protecting adjacent surfaces from chemical attack.



Protectapeel's ability to adhere consistently to complex surfaces ensures precise definition throughout the milling or etching cycle. Once processing is complete, Protectapeel is cleanly removed by hand peeling, leaving sharp edges and undamaged surfaces ready for the next stage of manufacture.



The Protectapeel Preservation System provides reliable protection for aircraft and components during short and long-term storage, including full aircraft mothballing. Applied by airless spray, it forms a continuous, airtight barrier over internal and external surfaces, protecting against environmental exposure, contamination and handling damage. The system is compliant with US Mil-C-6799C and is cleanly removed by hand peeling when returned to service, leaving surfaces intact and ready for inspection.



Protectapeel is used during aircraft manufacture to protect critical surfaces throughout fabrication and assembly. Applied by airless spray, it provides fast, uniform coverage over complex shapes, protecting against damage, contamination and overspray, and is cleanly removed by hand peeling when no longer required.

For over 30 years, Protectapeel has been trusted worldwide by the aerospace industry to protect aircraft and critical components throughout their lifecycle. From manufacture and assembly, through transportation and short or long-term storage, including full aircraft mothballing, Protectapeel delivers reliable protection for up to 24 months. Its proven performance across surface protection, preservation and chemical milling applications reinforces its position as a versatile, in-house engineered solution for demanding aerospace environments.





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Tel: +44(0)1536 408 409
Email: enquiries@spraylat.co.uk

www.protectapeel.com