



NCP[®]
COATINGS



AEROSPACE

PRODUCT OFFERING

Engineered for Excellence, Designed for Flight



INNOVATING AEROSPACE COATINGS WITH A LEGACY OF EXCELLENCE

NCP Coatings leads the way in high-performance coatings, meeting the stringent demands of MIL-SPEC requirements with precision and innovation. With over 70 years of trusted partnership with the U.S. Military, we have pioneered numerous industry-firsts and earned a reputation for delivering coatings that perform under the toughest conditions. As we expand into aerospace, we bring this legacy of innovation to serve three key segments: **Commercial Exterior, Defense, and Ground Support Equipment.**

Our focused product range is designed to meet the unique challenges of these aerospace segments. It includes primers and topcoats that enhance corrosion resistance, UV and chemical durability, and operational efficiency. From simplifying aircraft maintenance with user-friendly systems to reducing waste and ensuring compliance with environmental standards, our solutions are built for performance and reliability.

PROVEN PERFORMANCE FOR MISSION SUCCESS

We understand the critical importance of safety and durability in the aerospace industry. That's why our coatings are formulated to extend the life of defense platforms, improve equipment functionality, and support mission readiness. Whether you need advanced topcoats for commercial or defense aircraft exteriors or durable coatings for ground support equipment, NCP Coatings provides solutions you can trust.

A TRUSTED SUPPLIER FOR AEROSPACE INNOVATION

We collaborate with the U.S. Navy to develop aerospace topcoats that minimize hazardous waste and enhance health and safety while delivering next-generation coatings that simplify maintenance. Our commitment is to advance technology for the aerospace industry. With global distribution, unrivaled technical support, and a focus on continuous improvement, NCP Coatings is ready to support your most challenging aerospace coating needs.

Core Technologies

MIL-PRF-23377 Type I Class C2 **NT77-1-C2 High-Solids Epoxy Primer**

This is a premium quality high-solids epoxy primer designed for excellent adhesion to prepared aluminum and ferrous metal surfaces. It is primarily used in aerospace defense and commercial rotary aircraft applications. This product offers outstanding impact resistance, excellent flexibility, and low VOC (volatile organic compound) content.



MIL-PRF-85285 TYPE I Class H

NT85-1 Aliphatic Polyurethane Topcoat Series

This durable aliphatic polyurethane is suitable for aerospace defense and commercial applications. It offers excellent exterior durability, flexibility, quick application times, and strong resistance to solvents, chemicals, and low VOCs.

Recommended Primer: NCP NT77-1-C2

Other Suitable Primers: MIL-DTL-53022, MIL-PRF-23377, and MIL-PRF-85582
Common 595 colors listed, more available on request.

| HIGH GLOSS | |
|---------------------|--------------|
| AMS 595 Color | NCP PN |
| 11136 Red | NT85-1-11136 |
| 13538 Orange-Yellow | NT85-1-13538 |
| 14187 Green | NT85-1-14187 |
| 15044 Insignia Blue | NT85-1-15044 |
| 15180 Blue | NT85-1-15180 |
| 16440 Light Gray | NT85-1-16440 |
| 17038 Black | NT85-1-17038 |
| 17925 White | NT85-1-17925 |

MIL-PRF-85285 TYPE I Class H

NT85-1 Aliphatic Polyurethane Topcoat Series

This premium quality aliphatic polyurethane is designed for exceptional durability and superior physical properties. While it was originally developed for aerospace defense platforms, it is also suitable for commercial aerospace applications. This material offers outstanding exterior durability, excellent flexibility, quick tape times, superior resistance to solvents and chemicals and low VOC.

Recommended Primer: NCP NT77-1-C2

Other Suitable Primers: MIL-DTL-53022, MIL-PRF-23377, and MIL-PRF-85582
Common 595 colors listed, more available on request.

| SEMI-GLOSS | |
|-------------------|--------------|
| AMS 595 Color | NCP PN |
| 25200 Blue | NT85-1-25200 |
| 26173 Medium Gray | NT85-1-26173 |
| 26231 Gray | NT85-1-26231 |
| 26270 Haze Gray | NT85-1-26270 |



MIL-PRF-85285 TYPE I & IV Class H

NT85-14 Aliphatic Polyurethane with Fluoropolymer Topcoat Series

This premium aliphatic polyurethane coating features strong mechanical properties and is enhanced with fluoropolymer for superior weathering durability and color retention. It offers excellent flexibility, high resistance to solvents and chemicals, and low levels of HAP and VOCs.

Recommended Primer: NCP NT77-1-C2
Other Suitable Primers: MIL-DTL-53022, MIL-PRF-23377, and MIL-PRF-85582
 Common 595 colors listed, more available on request.

| LOW GLOSS | |
|-----------------------|---------------|
| AMS 595 Color | NCP PN |
| 34095 Field Green | NT85-14-34095 |
| 34097 Green | NT85-14-34097 |
| 35237 Blue Gray | NT85-14-35237 |
| 36081 Flat Gray | NT85-14-36081 |
| 36173 Ocean Gray | NT85-14-36173 |
| 36231 Lusterless Gray | NT85-14-36231 |
| 36320 Dark Gray | NT85-14-36320 |
| 36375 Medium Gray | NT85-14-36375 |
| 36440 Light Gray | NT85-14-36440 |
| 36495 Aircraft Gray | NT85-14-36495 |
| 37038 Black | NT85-14-37038 |



SiloxoShield[®] Premium Technologies

REVOLUTIONIZING AEROSPACE COATINGS WITH ADVANCED POLYSILOXANE TECHNOLOGY

NCP Coatings has built on its groundbreaking partnership with the Naval Research Laboratory to become the first company to commercialize and market a 1K Polysiloxane coating. This technology has established a new standard for protection, durability, and color retention in the most demanding environments. Originally designed to protect U.S. naval vessels, this innovative solution has been specifically adapted for aerospace applications, utilizing our expertise in next-generation coatings to address the unique challenges of the aviation industry.

The 1K SiloxoShield technology offers exceptional performance for aircraft by providing superior durability, UV stability, and corrosion resistance, all while being lightweight—a critical advantage in the aerospace market. Its single-component formulation simplifies application, eliminating the need for mixing or catalysts, which reduces risks associated with free isocyanates and enhances painter safety. This ease of use makes it ideal for challenging service conditions, providing long-term protection that surpasses competitive alternatives.

To meet the specialized demands of ground support equipment (GSE), NCP Coatings has also developed a 2K SiloxoShield system. This dual-component formulation is designed to withstand the harsh chemical exposure, abrasion, and wear encountered daily in GSE applications. While the 1K system is optimized for flexibility and ease of use, the 2K system offers superior chemical resistance and durability, making it the perfect solution for ground-level operational challenges.

With a commitment to innovation, safety, and performance, NCP Coatings continues to lead the aerospace coatings industry. **Truly a next-generation technology—only from NCP.**



MIL-PRF-85285F TYPE I & IV Class NH

N85-1K SiloxoShield Single-Component Polysiloxane Topcoat Series

This single-component topcoat system is specifically designed for the outer mold lines of aircraft. Its HAP-free formulation eliminates the need for a catalyst, simplifying the application process and minimizing the risks associated with off-ratio mixing or waste. The coating is lightweight yet highly durable, offering excellent UV stability, corrosion resistance, and long-lasting aesthetics. Additionally, the system complies with industry-standard dry times and recoat windows, ensuring reliable performance and ease of use in challenging aerospace environments.

Recommended Primer: NCP NT77-1-C2

Other Suitable Primers: MIL-DTL-53022, MIL-PRF-23377, and MIL-PRF-85582
Common 595 colors listed, more available on request.

| LOW GLOSS | |
|-----------------------|--------------|
| AMS 595 Color | NCP PN |
| 34095 Field Green | N85-1K-34095 |
| 34097 Green | N85-1K-34097 |
| 35237 Blue Gray | N85-1K-35237 |
| 36081 Flat Gray | N85-1K-36081 |
| 36173 Ocean Gray | N85-1K-36173 |
| 36231 Lusterless Gray | N85-1K-36231 |
| 36320 Dark Gray | N85-1K-36320 |
| 36375 Medium Gray | N85-1K-36375 |
| 36440 Light Gray | N85-1K-36440 |
| 36495 Aircraft Gray | N85-1K-36495 |
| 37038 Black | N85-1K-37038 |

MIL-PRF-85285F TYPE II Class NH

N85-2K SiloxoShield Two-Component Polysiloxane Topcoat Series

This two-component topcoat system is designed for aerospace ground support equipment, offering exceptional durability and performance. It provides superior resistance to weathering, UV degradation, and chemical exposure, ensuring long-term appearance and functionality. The polysiloxane formulation offers excellent color and gloss retention, reducing repainting needs. It is ideal for environments with abrasion, fuel spills, and extreme temperature fluctuations.

Recommended Primer: NCP NT77-1-C2

Other Suitable Primers: MIL-DTL-53022, MIL-PRF-23377, and MIL-PRF-85582
Common 595 colors listed, more available on request.

| HIGH GLOSS | |
|----------------------|--------------|
| AMS 595 Color | NCP PN |
| 13538 Orange-Yellow | N85-2K-13538 |
| 17875 Insignia White | N85-2K-17875 |
| 17925 White | N85-2K-17925 |





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