



Nano-Clear® (NCI)

Nano-Clear® Industrial Coating is the only industrial coating in the global marketplace to enhance, restore, and extend the service life of freshly coated (newly painted) and oxidized (previously painted) surfaces by 10+ years.

NCI dramatically improves resistance to corrosion, weathering, abrasion, scratching, chipping, marring, chemical, and UV degradation. We achieve these industry leading levels of protection by incorporating polyurethane, polyuria pre-polymer and polysilane into a molecule dense 1K product. What makes NCI 1K additionally so unique is our extreme protection requires no activators, hardeners, or accelerators in the application process, making Nano-Clear® extremely applicator friendly.

WHAT IT DOES:

This unique plural-component polymer chemistry results in a long-term (min. 10 year service); stable single component (1K) clear topcoat, engineered to dramatically improve a coated asset's resistance to corrosion, scratch, chip, abrasion, chemical, moisture - water permeation, and UV radiation damage.

Its low surface energy (hydrophobicity) helps to repel water, along with the reduction and easy release of ice, dirt, oil, grease, brake dust, graffiti, and many forms of organic and inorganic surface fouling regardless of the asset's purpose and location.

KEY BENEFITS:

- Anti-Corrosion: 5000hrs+ salt spray testing, no blistering or failure
- Anti-Fade / Chalking: 98% colour & gloss retention per 10 year period
- Chemical Resistance: More resistant than military chemical coatings
- Anti-Microbial: 99.9998% effective at neutralizing microorganisms
- Easy Cleanability: Low surface energy repels ice, dirt, graffiti, etc.
- High Impact Resistance: Tough yet flexible makes NCI very durable
- Drag Reduction: Reduces drag by up to 50% per lab testing
- Large Temperature Range: -40°C to 121°C

HOW DOES NCI RESTORE COLOUR?

NCI has a low (200 cps) viscosity, so it penetrates deep into the smallest pores of freshly painted or oxidized coatings, turning the white, chalked layers transparent, allowing the original underlying colour to show through while fortifying / hardening the surface.



INDUSTRIAL CLIENTS

Nano-Clear® coatings have been developed and proven with 12+ years of intensive research & development. The technological basis of our products has been supported by in-house, field & accredited third-party laboratory testing, joint development initiatives, and international licensing agreements.



Carnival implemented Nano-Clear® Coatings to restore their entire fleet of lifeboats. NCI Coatings provide ship operators, maintenance yards and super yacht owners with a tested and practical solution to restore and maintain high value assets to the highest gloss level for many years.

U.S. ARMY

Army LCU 2000 (Landing Craft Utility - Ships) require improved corrosion resistance of deck surfaces exposed to UV rays and tank vehicle abrasion. NCI dramatically improves corrosion resistance, abrasion resistance and prevents the underlying epoxy from long-term weathering and UV degradation.



The use of Nano-Clear® will eliminate at least 1-2 repainting cycles by dramatically improving the long-term corrosion and UV resistance of ASTs. Using Nano-Clear® will significantly reducing repainting cycles, reducing paint material cost and reducing contracted labor costs during the lifecycle of the asset.

AWARDS



Winner of the prestigious NACE MP Corrosion Innovation of the Year Award. This distinguished award is presented once every two years at the world's largest event for the prevention and mitigation of corrosion.



Awarded PaintSquare's Prestige Award in the Top Product for Steel category. The Prestige Awards recognizes the best of the best products within the protective, marine and industrial coatings industry across the globe.

TESTIMONIALS

METROLINX



"As Nano-Clear® has significantly reduced the number of stone chips to the front bumper, and has proven to be a more resilient stone guard, Engineering recommends that future bus deliveries, and buses that go out for refurbishment have the NCI stone guard applied."

~ Metrolinx / GO Transit Engineering

STERLING CRANE



"We picked a handful of cranes where the paint was heavily faded and spray-applied Nano-Clear®. We were very impressed with the initial results and proceeded to test additional cranes. Two years later, the cranes look as good as the day NCI was applied."

~ Manager with Sterling Crane



INDUSTRIAL COATINGS AND CLEANERS

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