

MARINE



# NPC 7000

Coatings based on Nanotechnology

Marine

Nanto Paint® is proud to introduce a new outstanding coating solution for the corrosion inhibition based on proprietary nanotechnology.

## The Nanto Paint® Products

Deep sea is definitely one of the toughest environments and corrosion is the result of the action of salt water, moisture, UV-light, high temperatures and oxygen. In particular salt water is a powerful electrolyte, able to corrode virtually any material. NPC 7000 series is the coating range dedicated to match the specific protection needs of any part of the vessels (external and internal decks, topsides, hulls and holds) cargo tanks, and inland waterway shipping (barges). NPC 7000 ensures, thanks to its innovative nanotechnology based formulation, a long lasting anticorrosion effect, up to three times more than traditional coatings and a superior resistance to impacts and scratches for the preservation of the aesthetics.

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APPLICATION AREA	PRIMER	INTERMEDIATE	TOP COAT/FINISHING
Underwater	NPC 7013	NPC 7002 AL	NPC Antifouling
Topside and superstructures	NPC 7001	NPC 7002	NPC 7003 NPC7050 / NPC7051
Outdoor decks and accessories	NPC 7001 / NPC7013	NPC 7002	NPC 7003 NPC7050 / NPC7051
Interior dry visible area	NPC 7001 / NPC7004	NPC 7002 / NPC 7005	NPC 7003 NPC7050 / NPC7051
Bilges	NPC 7001	NPC 7002	NPC 7003 NPC7050 / NPC7051
Fresh water tanks	NPC 7012 / NPC7013	NPC 7006	-



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### NPC 7001

Two component epoxy polyamide primer, high solid and very good adhesion. It delivers an outstanding anticorrosion barrier effect to the topside and superstructures.

### NPC 7002

Two-components surface tolerant epoxy intermediate, high percentage of solid. It can be used as primer or intermediate and ensures an excellent adhesion even at higher thickness, delivering a superior durability.

### NPC 7002 Aluminium

High build epoxy finishing with aluminium powder with excellent corrosion resistance for C5M-High environment. Suitable as finishing for not visible parts of decks and holds and as intermediate for the hull, where aesthetic is not key, it provides an excellent anticorrosion protection, UV protection thanks to its aluminium content, hydrophobic and oleophobic action against chemicals.

### NPC 7003

Polyurethane topcoat paint designed for topside and interiors. Thanks to its high tech modified resin and its nanoparticles content it ensures an excellent UV resistance and an anti-yellowing action, thus preserving the aesthetics.

### NPC 7004

Two component epoxy primer, good adherence and suitable for applications on internal decks, engine rooms and all the structures not directly exposed to saltwater (C3-C4 environment).

### NPC 7005

Two component epoxy coating, indicated for internal application in C3-C4 environment. NPC is the cost effective coating that guarantees a very good resistance to corrosion due to its nanoparticles and micaceous iron oxide content.

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## NPC 7006

Two component high solid epoxy intermediate coating, designed for underwater high performances and in wet-dry cycle areas (splash zones). It provides an excellent corrosion protection combined with good resistance to abrasion and an upper class chemical protection from a wide range of liquids.

## NPC 7012

Bi-component atoxic solvent free epoxy coating specific for food and water tanks. Suitable also for petroleum tank (crude oil, diesel, petrol etc.). Very high solid content (100%).

## NPC 7013

Epoxy primer or base coat for underwater applications, high level corrosion resistance and strong adhesion. Satin-finished, recoatable with a wide range of top coat, from polyurethane to acrylic.

## NPC 7050

Hydroxylated acrylic top coat. Non-yellowing and maintainable over time. Broad compatibility with pure and modified primer and intermediate epoxies and other products. Good gloss retention and color stability, high strength properties and flexibility in the vessel topside and interior.

## NPC 7051

High solid Acrylic shiny topcoat for touch up on the vessel topside and interior. Compatible with a broad range of products. UV resistant, it provides the maximum gloss retention and stability of the color combined with high resistance and flexibility.



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