PROTECTIVE

NANTO PAINT®

NPC 11000

Coatings based on Nanotechnology

Offshore installations

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

The Nanto Paint® Products

Offshore installations are exposed to a severe corrosive environment: waves, ice, UV radiation, wet and dry cycles, chemicals attacks by crude products and mechanical impact are just some of the causes.

NPC 11000 series is a bi-component coating range designed for offshore installations such as fixed platforms, mobile rigs and floating production units to ensure an extended lifetime and minimize the maintenance work.

NPC 11000 ensures, thanks to its innovative nanotechnology based formulation, a long lasting anticorrosion effect, up to three times more than traditional coatings, and an outstanding chemical, temperature, UV and abrasion resistance to ensure long-term safe and profitable operations.

NPC 11000

Coatings based on Nanotechnology
Offshore Installations

New solutions for the Offshore environment

Long experience in advanced materials functionalization leads up to the developing of new coating systems.
They can meet the requirements of offshore environment for any kind of application (underwater, splash zone and top structures)

APPLICATION AREA	PRIMER	INTERMEDIATE	TOP COAT/FINISHING
Underwater & Splash Zonesl	NPC 11013		NPC 11002 AL
External	NPC 11001	NPC 11002	NPC 11003 NPC11050 NPC11051
External PE	NPC 11001 NPC 11004	NPC 11002 NPC 11005	NPC 11003 NPC11050 NPC11051
Tanks and vessels (internal)	NPC 11012 NPC 11013	NPC 11006	

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Please contact your local representative if you have any questions.

NPC 11000

COATINGS BASED ON NANOTECHNOLOGY
Offshore Installations

NPC 11001

Two component Epoxy Polyamide Primer, certified for high corrosive environment. Suitable for use on topside and interior areas of offshore installations. High solid, surface tolerant and very good adhesion.

NPC 11002

Two-components surface tolerant Epoxy Intermediate, it can be applied on topside, interiors and living areas on offshore installations. Surface tolerant, it is applicable also at low temperature thanks to the winter fast hardener.

NPC 11002 ALUMINIUM

High build Epoxy Finishing for underwater and splash zones. Its content in aluminium powder enhanced with nanoparticles provides a superior protection from corrosion and UV as well as a hydrophobic and oleophobic action.

NPC 11003

Polyurethane Top Coat recommended for topside, interiors and living areas. NPC 11003 protects from UV rays and therefore assures a long lasting gloss and color retention. Impact and abrasion resistant thanks to its good flexibility.

NPC 11004

Bi-component Epoxy Primer for medium corrosive environment such as interior and living areas. Suitable for new painting systems and maintenance works, good abrasion resistance and adhesion to steel and hot galvanized steel plates.

NPC 11005

Two pack epoxy Intermediate, it ensures a high barrier protection against moisture and abrasion thanks to its micaceous iron oxide content. Suitable for application on interiors and living areas of offshore installations.

NPC 11000

COATINGS BASED ON NANOTECHNOLOGY
Offshore Installations

NPC 11006

Two component High Solid Epoxy Intermediate for internal lining of tanks and vessels in the offshore sector. It provides an excellent corrosion protection combined with good resistance to a wide range of liquids.

NPC 11013

Two components, satined Epoxy Primer, suitable for steel, aluminum and light alloys. Thanks to its anti-osmosis features, it is used on offshore platforms' splash zone and underwater installations. The film is atossic and overcoatable with chlorinated rubber, acrylic and polyurethane products.

NPC 11050

Hydroxylated acrylic Top Coat for topside, interiors and living areas. Weather resistant, good gloss retention and colour fastness. Broad compatibility with pure and modified primer and intermediate epoxies and other products.

NPC 11051

High solid Acrylic shiny Top Coat for touch up on topside, interiors and living areas of offshore installations. Non-yellowing and maintainable over time. UV resistant, it provides the maximum gloss retention and colour stability combined with high strength properties and flexibility.

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