



GLOBAL LEADERS IN CERAMIC COATINGS



CERAMIC PRO[®]
NANOCERAMIC TECHNOLOGY

THE NEW FACE OF COATING SYSTEMS

CERAMIC PRO is the latest technology developed by NanoShine LTD. Ceramic Pro is a clear, liquid nanoceramic coating. When cured, this technology will transform itself on the surface to become a rigid, super-structure of nanoglass, protecting the substrate it is applied to indefinitely. Ceramic Pro was designed as an industrial, multi-functional, protective coating for all surfaces. The nanoceramic glass coating forms an exceptionally strong and durable shield, resistant to solvents, acids, alkali, UV rays, harsh weather conditions and corrosion.



LET US HIGHLIGHT YOUR PROBLEMS

Every vessel from the smallest personal watercraft to the largest cargo ships are exposed to harsh weather conditions, damaging cleaning chemicals and wear and tear. Maintenance is costly and a time consuming, highly demanding task.

FOULING

Build-up of algae, barnacles, mussels and other sea life can be a tedious and labor intensive task to remove. Often harsh chemicals and back breaking techniques are required to remove these types of growth.

HARSH CHEMICALS

Cleaning using strong chemicals has a direct effect on the environment. Often times these chemicals find their way into our water system disrupting the natural cycle of sea life and the environment.

CORROSION

The marine environment will gradually degrade any exposed metals on your vessel causing safety issues and unsightly appearances.

EXCESSIVE CLEANING

Scrubbing, rinsing and drying a vessel is very labor intensive and costs the boat owner both valuable time and money.

OXIDATION

Oxidation is extremely damaging to the aesthetics of your paint or gelcoat causing it to look faded and tarnished.

SALTWATER / HARD WATER BUILD-UP

Saltwater and hard-water is highly corrosive and damaging to all surfaces of the vessel. This causes accelerated "wear and tear".

UV DAMAGE

UV rays are highly damaging and can be one of the leading causes to accelerated aging of your vinyl, paint, gelcoat etc. UV exposure will make your vessel to look neglected and aged.

LET US HIGHLIGHT THE SOLUTION



CERAMIC PRO MARINE LINE

Developed and manufactured in state-of-the art facilities by highly skilled technicians, the Ceramic Pro Marine line has revolutionized the marine industry with features unparalleled to any other product.



9H HARDNESS

Tested and proven to be 9H in hardness, the coating is the strongest and most durable on the market.



SELF-CLEANING

The coating's protective layer allows dirt and contaminants to be easily washed off without harsh chemicals.



FOULING RELEASE

Once coated the vessels hull will have minimal surface tension, allowing for easy cleaning without chemicals.



UV RESISTANCE

With UV inhibiting properties the entire vessel is protected against the sun's harsh rays, keeping the boat looking new.



ELIMINATES CHEMICALS

Ceramic Pro has an extremely hydrophobic effect, making cleaning easy with no damaging chemicals required.



SUPERIOR GLOSS

Ceramic Pro visually enhances the vessels surface by adding deep gloss and shine.



OXIDATION BARRIER

Ceramic Pro starts with a penetrating foundation that build up to create a protective layer that seals whatever it is applied to.



DOCKRASH RESISTANT

Ceramic Pro reduces the surface tension of gelcoat allowing fender barks and dock rubs to be easily removed without chemicals.



DRAG REDUCTION

The Marine line is tested and proven to provide 3.3% drag reduction, resulting in increased top speed and decreased fuel consumption.

A WINNER FOR ALL TYPES OF VESSELS

DRAG REDUCTION TEST

Tests have been conducted in NCKU ASTRC wind tunnel lab in Taiwan to find out if Ceramic Pro Marine can provide drag reduction for all types of vessels. The results showed an impressive 3.3%.

MANUFACTURERS' DREAM

Reducing drag is a major focus for R&D when manufacturing new and improved models. Using Ceramic Pro Marine this issue is no longer as prominent, as it will increase the top speed and decrease the fuel consumption.

IMPROVED PERFORMANCE

Proven to excel, the winning boat of the 2017 UIM F2 European Championship was coated with Ceramic Pro Marine. Due to the smooth surface decreasing the friction, it improved the overall performance and ultimately assisted in taking home the win.

3.3% DRAG
REDUCTION
INCREASED TOP SPEED
DECREASED FUEL CONSUMPTION



JET SKI



RUNABOUT BOAT



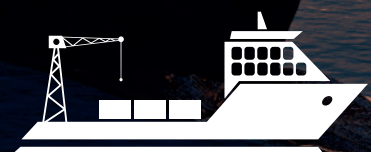
FISHING BOAT



SAILBOAT



YACHT



CARGO

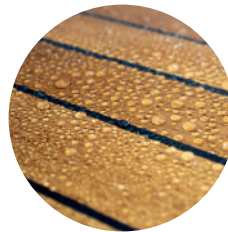
LEAVING NO SURFACE UNPROTECTED

Ceramic Pro was developed to be suitable for all aspects of the Marine industry. The coatings have been industry proven to protect against harsh weather, highly toxic chemicals, corrosion, oxidation, fouling, staining and just about anything else the sea can throw at your vessel. The marine products are currently used by dealerships, manufacturers and detail companies.



BELOW WATER

- ✓ Lower units
- ✓ Props
- ✓ Outdrives
- ✓ Hull



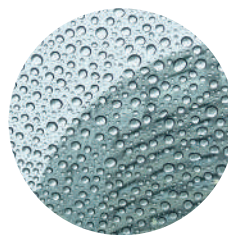
DECK

- ✓ Non skid
- ✓ Varnished decks
- ✓ Synthetic decks



BRIGHTWORK

- ✓ Railing
- ✓ Cleats
- ✓ Stanchions
- ✓ Rigging



WINDSHIELD

- ✓ Glass
- ✓ Isinglass
- ✓ Strataglass
- ✓ Plastic



FURNITURE

- ✓ Vinyl
- ✓ Textile
- ✓ Varnished wood

THE WORLD'S LEADING COATINGS

CERAMIC PRO MARINE

Ceramic Pro Marine is a highly durable, clear nanoceramic coating designed to be used on all surfaces of the vessel. When cured, it becomes a protective barrier against fouling, mold, oxidation, UV rays, chemicals, corrosion and a long list of other environmental hazards.

- ✓ Gel-coat
- ✓ Paint
- ✓ Metal
- ✓ Varnish
- ✓ Vinyl
- ✓ Plastics

APPLICATION METHOD

- ✓ By hand
- ✓ Spray gun



CERAMIC PRO BRAVO

Ceramic Pro Bravo is a multi-layerable clear nanoceramic coating designed for the vessels interior and exterior paint or gelcoat. When cured, it performs as a barrier against UV rays, oxidation, dirt, stains, fish blood and much more. Bravo Makes cleaning a breeze.

- ✓ Gelcoat
- ✓ Paint
- ✓ Interior
- ✓ Varnish
- ✓ Vinyl wraps
- ✓ Exterior

APPLICATION METHOD

- ✓ By hand
- ✓ Spray gun
- ✓ Dual Action Polisher

CERAMIC PRO SQUALL

Ceramic Pro Squall is a clear nanoceramic coating designed to be used on all types of glass. When cured it will protect the vessel's interior and exterior glass surfaces and make cleaning easier.

- ✓ Glass
- ✓ Interior
- ✓ Exterior

APPLICATION METHOD

- ✓ By hand



CERAMIC PRO PAINT

Ceramic Pro Paint combines a protective coating with paint. This coating is mixed with a blue or white pigment that allows fast and efficient repairs of damaged surfaces of the hull, gelcoat and other areas of the vessel. Applied as a mixture of coating and color pigment, Paint is safe from discoloring keeping the surface fresh and vibrant,

- ✓ Gel-coat
- ✓ Paint
- ✓ Exterior

APPLICATION METHOD

- ✓ By hand
- ✓ Spray gun

CERAMIC PRO NANO-PRIMER

Ceramic Pro Nano-Primer is a water-based surface preparation solution used prior to applying Ceramic Pro coatings. Non-abrasive, it refines the surface to provide maximum coating adhesion. Nano-Primer is wax and silicone free, making the surface glossy and well primed.

- ✓ Gel-coat
- ✓ Paint
- ✓ Varnish
- ✓ Interior
- ✓ Exterior

APPLICATION METHOD

- ✓ By hand
- ✓ Dual Action Polisher



EVERY INDUSTRY NEEDS THIS

Ceramic Pro is currently used on all types of surfaces across several different industries. Always evolving, updating and improving the product line, Ceramic Pro continuously expand into new markets with additional products developed for the industry specific needs.

TECHNICAL DETAILS

The coating is developed thanks to a highly advanced 3D matrix technology. When applied to a clean, dry surface, it crystallizes on the substrate into a thin and flexible layer of nanoglass.

SPECIFICATIONS

APPEARANCE: Transparent, colorless

HARDNESS: Up to 9H*

FLASH POINT: 50-70°C*

ADHESION: Ideal for majority of substrates

VISCOSITY: 20-30mPa (20°C)

DENSITY: 0.95-0.97g/cm³

THICKNESS: 2-30 μm*

CURING: Partially cured after 3-4 hours at 20°C. Fully cured after 3-5 days at 20°C.*

* Depending on product and substrate.



ALWAYS NEW ONLY CERAMIC PRO

Available in over 70 countries with more than 4500 installers, Ceramic Pro is rapidly growing as a top choice for professionals world-wide. For years, the company has been creating industrial, multi-functional, protective coatings for all surfaces and strives to continuously improve their products. All Ceramic Pro products have been tested by SGS, the world's leading inspection, verification and certification entity. Ceramic Pro achieved the highest possible result in each test. No other coating product to date has been officially tested:

Corrosion test (ASTM B117)

Result: Not affected

Scratch test (JIS 5400)

Result: Above 9H

Flexibility test (ASTM D522)

Result: 0 mm coating loss at 180° rotation

Impact test (ASTM D2794)

Result: 80/80 inch-lbs

Acid and Alkali (JIS K5400 (1990))

Result: No visible damage

Heavy metal test

Result: None

Toxicity test (SVHC)

Result: No toxic substances



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