

# TRUNANO™ | MARINE ARMOR

*Everything has a surface.* Marine surfaces are difficult to protect, and even harder to maintain. TruNano™ Marine Armor uses nanotechnology to protect against moisture, marine growth and corrosion. *Now there's a solution.*™



## TRUNANO™ MARINE ARMOR FEATURES & BENEFITS

TruNano™ Marine Armor is a **HIGH PERFORMANCE** coating designed for full immersion to protect fiberglass boat hulls, underwater metal surfaces, concrete water delivery systems, holding ponds and other marine surfaces from moisture intrusion, marine growth, salt spray and mild acids.

Proprietary **NANOTECHNOLOGY** makes TruNano™ Marine Armor completely different from other marine coatings. TruNano™ molecules cross-link and form a covalent bond with the surface, creating a superior barrier against moisture, barnacles, mussels and algae.

**ECOLOGICALLY SMART** means products that are safe for people and the environment. TruNano™ Marine Armor meets the highest air quality standards and contains no known carcinogens. TruNano™ Marine Armor is **not** an anti-fouling coating, and will not chip or flake into waterways.

TruNano™ Marine Armor prevents marine life from attaching to fiberglass, metal and concrete, greatly reducing costly damage and maintenance. And because TruNano™ Marine Armor outlasts traditional bottom paints and coatings, it's a **COST EFFECTIVE** solution for marine protection.



SURFACE	SOLUTION
<ul style="list-style-type: none"><li>• Steel</li><li>• Aluminum</li><li>• Fiberglass</li><li>• Concrete</li></ul>	<ul style="list-style-type: none"><li>• Moisture</li><li>• Marine Growth</li><li>• Mild Acids</li><li>• Corrosion</li><li>• Salt Spray</li><li>• Abrasion</li></ul>

### TRUNANO™ MARINE ARMOR FAQ

#### What surfaces can TruNano Marine Armor be applied to?

TruNano™ Marine Armor can be applied to fiberglass, steel, aluminum, or concrete.

#### What are the advantages of TruNano™ Marine Armor over standard copper-based paints?

TruNano™ Marine Armor is non-ablative and will not harm marine life. It is very lightweight—similar to water—unlike copper paint, which adds significant weight to the boat. TruNano™ Marine Armor can be applied to all metal components and reduces friction while it repels barnacles and marine growth, requiring less frequent cleanings and haulouts.

#### How does TruNano™ Marine Armor help prevent marine growth?

Nano molecules cross-link on the surface, forming a tight web. Barnacles, mussels and other marine life are simply not able to penetrate the coating in order to attach to the fiberglass, metal or concrete surface. Any growth on the surface washes away easily.



#### TruNano™ Marine Armor Protects Against Marine Growth

Test plates submerged in salt water for a period of two months reveal minimal marine growth. There are no mussels or barnacles present, and sludge growth wipes away easily.

#### COVERAGE

Approximate coverage is 500-800 s.f. per gallon. Coverage will vary depending on the porosity and texture of the substrate and method of application.

#### SURFACE PREPARATION

Surfaces must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust, mold release, waxes, abrasives or anti-fouling paints.

#### APPLICATION

Spray using a high volume low pressure sprayer (HVLP) with a 1.4 spray tip with air pressure set at 25 to 30 psi, or apply with a high-density foam roller.

- Apply TruNano™ Marine Armor at 2.0-3.0 mils WFT
- Stir thoroughly before application
- Air and surface temperatures should be between 45°F and 105°F
- Allow 7 days for product to fully cure before evaluating performance. Boats may be put in water on day 8

**Please see the TruNano™ Marine Armor Data Sheet for more information and complete application instructions prior to use. [www.tru-nano.com](http://www.tru-nano.com)**

ASTM C1353-09	TruNano™ Marine Armor scored an average of 39.11 on the Taber Abraser test, scoring higher in resistance to wear than granite.
SCAQMD	TruNano™ Marine Armor contains less than 100 g/L VOC and exceeds SCAQMD Rule 1113 requirements, the highest air quality control standards in the country.
PROP 65	TruNano™ Marine Armor contains no known carcinogens under Proposition 65, California's Drinking Water and Toxic Enforcement Act of 1986.
EPA	Evolution Surface Solutions uses the EPA's 12 Steps of Green Chemistry as the guideline for developing responsible chemistry.