

TRUNANO™ | CONCRETE ARMOR

Everything has a surface. Concrete surfaces can be difficult to protect. TruNano™ Concrete Armor uses nanotechnology to create a coating that protects against damage and prolongs the life of concrete. *Now there's a solution.™*



TRUNANO™ CONCRETE ARMOR FEATURES & BENEFITS

TruNano™ Concrete Armor is a **HIGH PERFORMANCE** coating designed to protect concrete surfaces against damage from weather, water, oil, stains, mild acids and abrasion. TruNano™ Concrete Armor is extremely durable, UV stable, and peel and flake resistant.

Proprietary **NANOTECHNOLOGY** makes TruNano™ Concrete Armor completely different from traditional concrete coatings. TruNano™ molecules cross-link and form a covalent bond with the concrete surface, creating a superior barrier against moisture and stains.

ECOLOGICALLY SMART means products that are safe for people and the environment. TruNano™ Concrete Armor meets the highest air quality standards and contains no known carcinogens. It also eliminates the need for harsh chemical cleaners and extends the life of concrete materials.

Because TruNano™ Concrete Armor requires less maintenance and lasts longer than traditional concrete coatings while sustaining the life of the concrete surface, it is a **COST EFFECTIVE** solution. Contractors using TruNano™ Concrete Armor will have a significant cost and labor advantage.



SURFACE	SOLUTION
<ul style="list-style-type: none">• Masonry• Poured Concrete• Concrete Counter Tops• Vinyl Composition Tile• Brick	<ul style="list-style-type: none">• Moisture• Mold• Stains• Abrasion• Food Acids• Uric Acid• Acid Rain• Oil• UV Stable• Gloss or Satin Finish

TRUNANO™ CONCRETE ARMOR FAQ

How does nanotechnology make TruNano™ Concrete Armor so much more effective than traditional sealers and coatings?

The nanoparticles in TruNano™ Concrete Armor crosslink to create a molecular web on the surface that is virtually impenetrable. It's a completely new approach to coatings technology.

How long will TruNano™ Concrete Armor last?

Expect 3 to 5 years of performance under normal conditions. There are many factors that impact the life of the product, such as heavy use or traffic wear, the environment, or the substrate itself. It is recommended to check the performance every year to make certain there has not been a breach.

How do I clean and maintain surfaces coated with TruNano™ Concrete Armor?

Use warm water with a mild soap or soy-based cleaner and wipe or mop the area. Rinse with a hose if necessary. No harsh chemical cleaners or waxes are required.



SURFACE PREPARATION

All surfaces and substrates must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material. TruNano™ Concrete Armor will not adhere to silicones or polymer modified grouts.

COVERAGE

The approximate coverage for TruNano™ Concrete Armor is 500-800 square feet per gallon. Coverage will vary depending on the porosity and texture of the substrate and application.

DRY TIME (at 77°F & 50% relative humidity)

Drying time is temperature, humidity and film thickness dependant. At optimum conditions, TruNano™ Concrete Armor is dry to the touch in 30 minutes and dried through in 2 to 4 hours. The surface may be walked on (light traffic) in 8-12 hours. TruNano™ sealers and coatings require 7 full days for the molecules to cross-link to a full cure.

APPLICATION

Apply with HVLP sprayer to achieve best results. (recommend Wagner Turbo HVLP sprayer with 1.4 tip with a pressure setting of 25 to 30 psi) Wear automotive paint and chemical respirator (P99/P100filter) and protective eyeglasses as TruNano™ Concrete Armor will adhere and is non-removable.

- Apply TruNano™ Concrete Armor at 2.0 to 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
- If surface is damp or wet from weather or cleaning, allow the surface to dry thoroughly before applying any coating

See the [TruNano™ Concrete Armor Data Sheet](#) for more information and complete application instructions prior to use. www.tru-nano.com

LEED	TruNano™ Concrete Armor adds 7 Points LEED CARB
ASTM C1353-09	TruNano™ Concrete Armor scored an average of 39.11 on the Taber Abraser test, scoring higher in resistance to wear than granite.
SCAQMD	TruNano™ Concrete 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™ Concrete 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.