

TRUNANO™ | STONE ARMOR

Everything has a surface. Natural stone can be difficult to protect. TruNano™ Stone Armor uses nanotechnology to create a coating that protects against moisture, acid etching, stains and more. *Now there's a solution.™*



TRUNANO™ STONE ARMOR FEATURES & BENEFITS

TruNano™ Stone Armor is a **HIGH PERFORMANCE** coating designed to protect natural stone surfaces from moisture, stains, scratches and etching from mild acids including food acids. TruNano™ Stone Armor is ideal for use in kitchens, restaurants, bathrooms and high traffic areas.

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

ECOLOGICALLY SMART means products that are safe for people and the environment. TruNano™ Stone 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 natural stone.

TruNano™ Stone Armor preserves the beauty of natural stone, greatly reducing costly refinishing. And because TruNano™ Stone Armor outlasts traditional sealers and coatings, it's a **COST EFFECTIVE** solution for natural stone protection.



SURFACE	SOLUTION
<ul style="list-style-type: none">• Marble• Limestone• Travertine• Onyx	<ul style="list-style-type: none">• Moisture• Stains• Dirt• Acid Etching• Abrasion• Gloss or Satin Finish

TRUNANO™ STONE ARMOR FAQ

What surfaces can TruNano™ Stone Armor be applied to?

TruNano™ Stone Armor is designed to protect all calcium based stone surfaces that are vulnerable to etching, such as marble, limestone, travertine, and onyx.

How do I clean surfaces coated with TruNano™ Stone Armor?

Use water or a mild cleaner and wipe off with a cloth. No harsh chemicals are necessary, as TruNano™ Stone Armor is exceptionally stain resistant. Any commercially available cleaner may be used, but be sure to neutralize afterward with water to prevent damage to the coating.

How long will TruNano™ Stone 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.



SURFACE PREPARATION

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

COVERAGE

The approximate coverage for TruNano™ Stone Armor is 300-600 square feet per gallon. Coverage will vary depending on the porosity and texture of the substrate and method of application.

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

Drying time is temperature, humidity and film thickness dependant. Stone Armor is dry to the touch in 30 minutes, dried through in 2 to 4 hours. You may use the surface (light use) 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 approximately 25 psi). Wear automotive paint and chemical respirator (P99/P100filter) and protective eyeglasses as TruNano™ Stone Armor will adhere and is non-removable.

- If surface is damp or wet from weather or cleaning, allow the surface to dry thoroughly before applying any coating
- Stir thoroughly before application
- Apply TruNano™ Stone Armor at 4.0 mils WFT
- Allow 7 days for product to fully cure before evaluating performance

Please see the TruNano™ Stone Armor Data Sheet for more information and complete application instructions prior to use. www.tru-nano.com

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