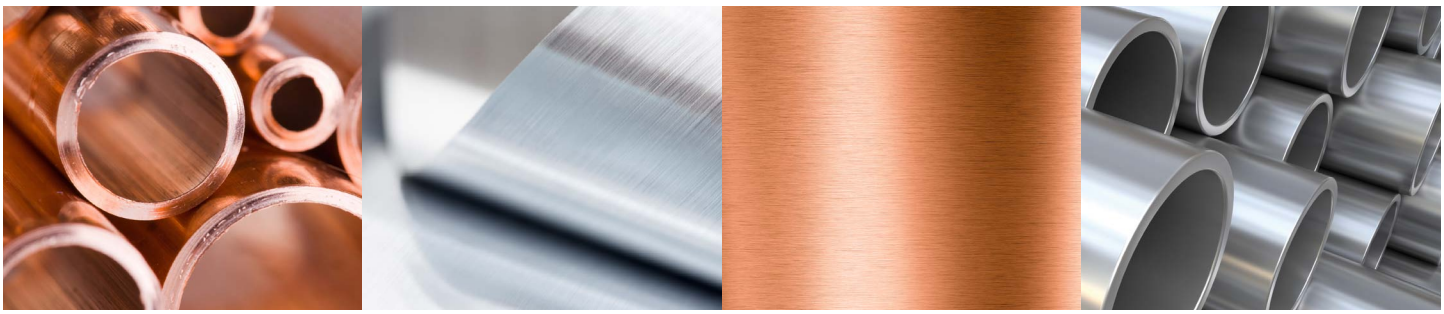
# TRUNANO™ | METAL ARMOR

*Everything has a surface.* Steel, copper and iron surfaces can be difficult to protect. TruNano™ Metal Armor uses nanotechnology to create a coating that protects against corrosion, abrasion and more. *Now there's a solution.*™



## TRUNANO™ METAL ARMOR FEATURES & BENEFITS

TruNano™ Metal Armor is a **HIGH PERFORMANCE** coating designed to protect metal surfaces against damage from corrosion, mild acids and abrasion. TruNano™ Metal Armor is extremely durable, UV stable, and peel and flake resistant.

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

**ECOLOGICALLY SMART** means products that are safe for people and the environment. TruNano™ Metal Armor meets the highest air quality standards and contains no known carcinogens and extends the life of metal surfaces.

TruNano™ Metal Armor is long-lasting, resists corrosion and abrasion and reduces costly repairs, making it a **COST EFFECTIVE** solution for metal protection. Contractors and companies using TruNano™ Metal Armor will have a significant cost savings and labor advantage.


EVOLUTION SURFACE SOLUTIONS

| SURFACE | SOLUTION |
|---|---|
| • Iron<br>• Steel<br>• Stainless Steel<br>• Galvanized Steel<br>• Copper<br>• Aluminum | • Moisture<br>• Stains<br>• Corrosion<br>• Abrasion<br>• Salt Spray<br>• Acid Rain<br>• UV Stable<br>• Gloss or Satin Finish |

TRÜNANO™

HIGH PERFORMANCE
SEALERS & COATINGS

## TRUNANO™ METAL ARMOR FAQ

**Can TruNano™ Metal Armor be applied over new or existing paint or primer?**
Yes. TruNano™ Metal Amor greatly enhances the performance of most paints and primers. Follow paint manufacturer recommendations for dry and cure times.

**Will TruNano™ Metal Armor break down in sunlight?**
No. While the color or finish of the substrate below is still subject to oxidation, the coating will not degrade as a result of exposure to UV rays.

**How long will TruNano™ 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™ Metal Armor will not adhere to silicones or polymer modified grouts. See the TruNano™ Metal Armor Data Sheet for more information.

### COVERAGE

The approximate coverage for TruNano™ Metal Armor is 800-1600 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™ Metal Armor is dry to the touch in 30 minutes, dried through in 2 to 4 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™ Metal Armor will adhere and is non-removable.

- Apply TruNano™ Metal Armor at 1.5-2.0 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.

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

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