



NewEraSOS™
Scientific Optimal Solutions

Fortify Sealer™

General Nano-Sealer – All surfaces, High Altitude & Temperature, Below Water Surface

Product Info

Fortify Sealer™ will reduce maintenance costs and extend the life of your surfaces for an immediate appearance enhancement and long-term return on investment. It is designed with additional rust and corrosion resistance components for use on metals and all surfaces in the most extreme atmospheres, such as high altitude, high temperature, below water surface, caustic, or acidic conditions.

NewEraSOS™ has successfully combined two emerging technologies to address multiple problems of surface protection against corrosion, soil adhesion, atmospheric fouling, abrasion, static, and UV degradation with "liquid glass" penetrating sealing. Employing a proprietary water-based fusion of nanotechnology-sized polymeric particulates, **Fortify Sealer™** protectant works on all hard and soft surfaces to seal, protect, enhance appearance, and extend asset life. **Fortify Sealer™** also utilizes nano-metal oxides to densify and strengthen surfaces without hardening to further enhance UV protection and surface protection.



Biofouling build-up on marine data collection instruments **without Fortify Sealer™ after 30 days.**



Biofouling build-up on marine data collection instruments **with Fortify Sealer™ after 150 days.**

Where to Use

Versatile on many different hard and soft surfaces including but not limited to metals, fiberglass, wood, tile, natural stone, glass, stainless steel, ceramic, plastics, aluminum, clear coats, painted surfaces, steel, concrete, masonry, stone, composites, ABS, polycarbonate, styrene, acrylics, grout, Plexiglas, and many more. Not intended for use on flooring surfaces as they could reduce the coefficient of friction.

Item # NEFOR4Z1GB (4x1Gal Containers)

Appearance: White liquid

Fragrance: Sweet Lemon

pH: 7.0-8.0

Flash Point: Same as Water

Storage: Between 40° F and 110° F

Compliance: Full VOC
Non-pollutant for air, water, soil

Benefits

- Dramatically reduces biofouling, oxidation, UV degradation, and friction.
- Eliminates mineral deposits/build-up on the surfaces for good!
- Surfaces remain clean and are easy to maintain after sealer treatment.
- Rejuvenate surfaces and bring out original color and luster.
- Extend the life of your surfaces and reduce maintenance costs for an immediate and long-term return on investment.
- **Fortify Sealer™** eliminates the need for other products that hide scaling and deposits.

Features

- Water-based
- Non-flammable
- Non-toxic
- Non-abrasive
- Does not affect pH
- Does not etch surfaces
- Does not add weight or dimension
- Does not contain silicones, PTFE's, oils, waxes
- NO VOC's
- Viable to 350 degrees C
- Does not harden
- Enhances shine and matte finishes
- 100% soluble in water
- Ozone safe

Confirmed Testing

Passes or exceeds the industry standard for:

Boeing D6-17487: (Exterior and General Cleaners and Liquid Waxes, Polishes, and Polishing Compounds)
Boeing D6-7127: (Cleaning Interiors of Commercial Transport Aircraft)
Douglas CSD #1: (Materials and Procedures for Polishing Aluminum Surfaces)
Aerospace Materials Specification (AMS) 1650C: (Polish, Aircraft Metal Type 1: Liquid)
ASTM B117: (salt spray corrosion 500+ hours)
ASTM F1110: (aviation sandwich corrosion)
ASTM F483: (aviation immersion corrosion)
ASTM F519-93: (hydrogen embrittlement)
ASTM F519: Type 1c: (hydrogen embrittlement)
ASTM F485: (no stain/residue test)
ASTM F502: (acrylic crazing)
ASTM F484: (stress crazing on acrylic to 4500 psi)
ASTM D56: (flash point 140 deg. limit)

Use Instructions

Always refer to SDS and product label prior to use. Do not use and/or combine with other chemicals. **Fortify Sealer™** is ready-to-use and does not need to be diluted.

Thoroughly clean surfaces

- Apply sealer to dry surface with fine-mist sprayer and gently spread with a soft cloth
- Allow to dry for 5-10 minutes
- Buff with a soft cloth

Tips

- One-gallon seals approximately 3,000 sq ft for hard surfaces and 1,500 sq ft for soft surfaces
- For large applications, spray with a backpack sprayer or another fine mist applicator
- For the first application, apply two coats
- When significant buildup, media-blast surface or use other mechanical methods

Warning

As with all cleaning and sealing products, use protective wear (gloves and goggles to avoid skin and eye contact).