



WATER BASE VOC  
COMPLIANT

LEADING-EDGE  
SALT WATER &  
STAIN PROTECTION

DATA SHEET AND APPLICATION GUIDE

## NS900 STAIN PRO MAX

Superior Protection against Water Penetration and Staining from Oil(s) and Outdoor Organic Matter (leaves, nuts, mulch, etc.)

### Maximum Protection against Outdoor Stains

**DESCRIPTION:** NS900 is a leading-edge, water-based sealer designed specifically to provide maximum protection against the toughest outdoor stains; soil, water, vehicle oil, leaves, nuts and similar discoloring non-acidic organic stains. Because of its dual properties it is the ideal sealer for most natural stone, pavers concrete, brick, tiles and grout.

- ◆ salt-water repellent,
- ◆ excellent penetration and beading
- ◆ preserves the natural color and look of most substrates,
- ◆ Interior, exterior, residential and commercial use.

NS900 was formulated to provide ease of application and maximum protection from the common stains of vehicle oils, trees, leaves, nuts and other non-acidic organic materials encountered outdoors while preventing water penetration and saltwater erosion.

Although NS900 can be used on marble, granite, quartz, and porcelain, generally found on countertops, RS600 is the ideal product for countertops, back splashes and areas susceptible to kitchen food stains.

**FEATURES:** NS900's advanced technology produces application friendly properties, including ease of application and use – keeps treated surfaces looking better longer. It also discourages the growth of discoloring mold and mildew.

- Excellent protection against most stains including vehicle oils, nuts and leaves – see limitations
- NS900 will also resists stains from materials such as red wine, ketchup, coffee, iodine and olive oil. The shorter the time before cleaning will greatly lessen the effect of a stain.
- Retains existing color and finish on most substrates
- Makes cleaning much easier
- Provides long lasting protection
- Excellent long-lasting beading
- Treated surfaces do not trap moisture

#### Typical Applications

- Patios
- Driveways, walkways
- Floors
- Landscape decorative stone
- Outdoor cooking and entertaining areas

- Building facades
- Showers
- Swimming pool surrounds
- Garages

**SUBSTRATES AND SURFACES:** Use on uncoated, vertical or horizontal, interior or exterior surfaces. NS900 provides protection for:

- Concrete, pavers, tiles and products made with concrete
- Natural stone:
  - flagstone, limestone, sandstone, travertine, bluestone, cantera, quartzite, slate, etc.
- Grout and mortar
- Low fired clay products (Saltillo tile, roofing tiles, common brick, floor tiles, terracotta)
- Artificial stone

**PREPARATION:** Protect people, passersby, home/building occupants, vehicles, plants, painted surfaces, anodized aluminum, wood and all non-masonry surfaces from product, residue, splash, fumes and wind drift. Use polyethylene or other proven protective coverings. Surface to be treated **must be clean and dry**. If exterior application, allow substrate surface a minimum of 24 hours to dry after rain or power wash. Remove dirt oil, grease, paint waxes, efflorescence and any surface sealers. Ensure fresh air entry and cross ventilation during application and drying. Do not dilute or alter.

**ALWAYS TEST** a small area of each surface to confirm suitability possible color change I.E. desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures.

#### INSTALLATION

**SURFACE AND AIR TEMPERATURES:** For maximum effectiveness surface and air temperatures should be 50-95°F (10-35°C). Dry time will be slower at lower temperatures.

- Ambient air temperatures ideally should be 50 - 95° F(10-32°C); Temperatures above 90°F are marginal, that is the carrier may evaporate too fast not allowing the active polymer to chemically react with the substrate AND **COULD DEPOSIT A WHITE FILM ON THE SURFACE.**



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- Where ambient temperatures typically reach above 95°F in the afternoon, application should be scheduled for the morning where it will be cooler. Hand held surface temperature reading devices are inexpensive and eliminate guess work.
- Air temperature below 50°F will cause the product to cure slower increasing the probability of less than adequate bonding.
- If surface temperature will drop below freezing within 48 hours do not apply.
- Do not let product freeze – freezing will render product ineffective.

**EQUIPMENT:** Use low-pressure pump-up sprayer, brush or roller.

**APPLICATION:** Always wear protective gloves. Avoid getting on skin – product is an irritant and can burn with extended exposure. Do not get in eyes. Always wear protective eyewear. Remove contaminated or saturated clothing immediately. Before applying read all sections above and below; do not dilute or alter; **ALWAYS TEST** a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment that will be used in application.

- Cover areas not intended to be treated.
- Apply with low-pressure pump-up sprayer, brush or roller. If using an airless sprayer, dispense only using less than 50 psi; do not exceed 50 psi.
- Liberally apply an even saturation coat of NS900; wet on wet, for most substrates. Once the first coat has been absorbed, and while the treated area is dark, apply a second coat.
  - ◆ **Do not apply on dense polished surfaces – use RS600**
  - ◆ **Highly porous surfaces**, such as sandstone and soft varieties of limestone, apply sufficient product so the surface looks shiny / mirror wet for at least 3-5 seconds after each coat.
- Do Not allow product to puddle and/or dry on the surface; wipe off excess product before it dries.
- Sealer will not prevent surface etching, scuff marks or wear and may lighten or darken some surfaces. NS900 will make the maintenance and

cleaning of a treated surface much easier and prevent many stains. Once cured, this product is food contact safe.

- Protect from rain and sprinklers for six hours after application if outside.
- Use water to clean equipment.

Applying Stain Pro Max on vertical surfaces

Vertical surfaces have much less dwell - absorption time than horizontal surfaces as a liquid sealer will heed the pull of gravity and run down the wall. Longer dwell time is required for the product to penetrate sufficiently. Apply each successive coat before the previous one dries (wet on wet, approximately 5-10 minutes between coats). Place tarp or plastic sheets below to catch the excess drips. Apply from bottom and work way up making sure drip marks do not occur.

**Maintenance:** Do not clean treated surfaces with highly alkaline, acidic, ammoniated or abrasive cleaners which may degrade the sealer, adversely affecting stain resistance. For routine cleaning use a neutral cleaner. For tough or difficult to remove soil use a nylon scrubbing pad with a neutral cleaner. Avoid Dawn brand soaps which contain silicone disruptive agents.

**TRAFFIC:** A full cure is achieved after 24-48 hours. Foot traffic may begin in two hours. Note: Dry time is dependent on temperature and humidity. Cooler weather or high humidity may affect dry time and availability for use.

### APPROXIMATE SHIPPING WEIGHTS

1 Quart (946 mL)	1.8 lbs.
1 Gallon (3.29L)	7.25 lbs.
5 Gallon Pail (16.10L)	35.50 lbs.

### DILUTION

Apply as packaged. Do not dilute or alter or use for applications other than as specified.

### COVERAGE RATE:

Coverage varies based on porosity and texture of the surface:

Substrates range (porous to semi-dense) 150 – 350 sq. ft. / gal.

- Actual coverage will be determined by the porosity of the substrate

Expected Wear:

- Up to 5 years on interior surfaces
- Up to 3 years on exterior surfaces



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For optimal results apply every 2 years.

LIMITATIONS

- Limited shelf life – remains storage stable for approximately 12 months in sealed containers.
- May slightly darken some stone – always test a small area prior to application
- Will not prevent water penetration through material defects or structural cracks/fissures in the material.
- Will not stop salt water erosion if the erosion has already started
- May not prevent stains caused by substances with acidic composition (leaves, decomposing matter, I.E. crape myrtle and similar acidic based leaves)
- Do not allow product to freeze

**CAUTION! HARMFUL IF  
SWALLOWED. EYE, SKIN AND  
RESPIRATORY IRRITANT.**

If swallowed DO NOT induce vomiting. Call physician immediately. In case of: Eye contact - flush with large amounts of room temperature water for 15 minutes. Skin contact- wash thoroughly with soap and water. Irregular or stopped breathing-administer oxygen, give artificial respiration. Get medical attention (immediately). Do not breath vapors or spray mist. Wear respirator approved by NIOSH. (NIOSH/MSHA TC 23C or equivalent).

FOR EXTERIOR & INTERIOR USE

Use with adequate ventilation  
Keep Out of Reach of Children

24-Hour Emergency Information:  
INFOTRAC at 800-535-5053

**WARRANTY:** The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in natural stone and masonry surfaces, job conditions, and methods used for application. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose. SERVEON LLC warrants this product to be free from defects. Where permitted by law, SERVEON makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose. SERVEON'S liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves SERVEON from

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Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 877-333-8188 and ask for Customer Care - technical support.