

DESCRIPTION: Last Chance, WL500, is a, penetrating, proprietary reactive acrylic complex that forms a high-performance, seamless polymer matrix that powerfully adheres to the substrate resisting pressure from erosion and hydrostatic pressures beneath it. On the surface the barrier acts like a one- piece sheathing that protects the substrate below it from additional surface salt water entry while providing an attractive gloss wet look. Below it, the barrier, an engineered polymer of acrylic resins and other proprietary additives, anchors to the substrate holding the substrate in place while resisting any erosion effects that may continue to develop from existing salt deposits. WL500 resists penetration from water, elements and minerals in or suspended in the water such as salt and pool chemicals, oils, vehicle liquids and more.

FEATURES AND BENEFITS: WL500 was developed as an alternative to replacing stone with existing erosion issues and for soft friable or crumbling stone. WL500 is a durable, long lasting surface consolidator with excellent adhesion providing a rich, vibrant, enhanced wet look with an outstanding strong, hard, mar and scratch resistant finish.

- Low cost alternative to replacing decay or eroding stone
- High solids content – thick, strong membrane coating
- Brings out the rich vibrant colors of pavers, stone, and masonry
- Efflorescence resistance
- Longevity typically up to two years or longer
- Rapid drying – dries in one hour or less
- Re-sealable
- Will not yellow or chip
- Flexible; high impact resistance
- Resistant to vehicle oils, many fluids and stains – optimal oil repellency
- Shields against freeze-thaw cycles, sun, rain and calcium
- Suitable for interior/exterior work
- Ready to use, no mixing, no thinning
- Anti-slip Additives can be easily added

INSTALLATION

SUBSTRATES AND SURFACES: WL500 is a professional product for use on previously coated or uncoated, vertical or horizontal, interior or exterior substrates experiencing salt water erosion or flaking or crumbling issues. Last Chance can be applied in wet areas around pools, fountains, showers and water areas.

ALWAYS TEST each type of surface for penetration, appearance and protective ability before overall application.

- **BE SURE** test area and application area are thoroughly dry before application.
- **BE SURE** to test if application area has been sealed before.

- **BE SURE** no water is applied or rain occurs for minimum 24 – 48 hours prior to application depending on amount of rainfall – see exception under Pressure Washing.

If area to be treated has been underwater for long periods such as a waterfall or the backside of the substrate is adjacent to water, additional drying time will be necessary. If unsure of substrate moisture content, test with a moisture meter. Area to be treated must be thoroughly dry. Acrylic products like WL500 can blush – turn white – if there is moisture in the paver/substrate during curing.

PREPARATION: Protect passersby, building occupants, people, vehicles, property, plants, painted surfaces and all non-masonry surfaces from product, residue, splash, fumes and wind drift. Use polyethylene or other proven protective material. Surface to be treated **must be clean and dry**. Allow 24 hours to dry after heavy rain. Remove dirt, oil, grease, paint, waxes, efflorescence and surface sealers. Let new concrete cure 28 days before treating. Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone.

PRESSURE WASHING: In many instances power washing and product application can be done in the same trip. Temperature, humidity and substrate porosity determine the length of drying time between power washing and sealant application. Lower temperatures or high humidity slow evaporation; porous substrates absorb more water and consequently take longer to dry.

- Pressure wash using the minimum amounts of water required to clean the surface – avoid saturation. If garden hose with high pressure nozzle is used allow 24-hours minimum for drying.
- Immediately blow dry all water from surface
- Let dry for - hour minimum –surface should appear and feel totally dry, NOT damp

If unsure wait at least 24 hours. Use a moisture meter if available.

APPLICATION: Before applying read all sections above; do not dilute or alter; for interior and exterior application; 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.

- WL500 is applied with a brush, paint roller or commercial sprayer. Apply an even saturation coat. One saturation coat is normally sufficient.
- Work in sections of no more than 50 sq. ft. Saturate a section with a single coat. With a roller, remove excess on the surface before it dries. Repeat process for other sections maintaining a wet edge in order to prevent overlap marks.

- Remove excess product from depressed areas where puddling may have occurred with brush, roller or blower.
- If applying a second coat, allow 1 hour between coats or until surface is dry with pressure touch.
- Exceeding 3 mils total dry-film build-up may affect overall durability.
- Let treated surfaces dry thoroughly before polishing or burnishing.
- Protect from rain for one hour after application.

General Vertical Application

- Same as for Horizontal Application except as follows:
- Apply from the bottom up. Allow a six to eight-inch rundown below the contact point – saturate the surface; vertical surfaces leave less time for penetration.
- Brush out heavy runs and drips that do not penetrate after a few minutes – these can leave visible drip lines if allowed to dry.

CLEAN UP: Flush with xylene if using commercial sprayer. Caution, xylene will deteriorate rubber gaskets over time.

SURFACE AND AIR TEMPERATURE

Surface and air temperature play key roles in a successful application.

- Ambient air temperatures ideally should be 55 - 85⁰ F(10-32⁰C); Temperatures above 85⁰F can be marginal and need to be checked for “spidering”; spidering is where product when being applied with a sprayer forms spider like webs immediately after leaving the nozzle and before hitting the surface; “spidering” occurs when the ambient temperature is too high. If ambient air temperature is above 85⁰ test for spidering- if spidering occurs abort the application.
- When surface temperatures are too hot, chemical solvent elements of the product called the carrier will flash off (evaporate) too fast and preventing the remaining product elements to form an adequate bond which can lead to a shorten product life cycle. Typically surface temperatures above 90⁰ F can create this situation.
- Where temperatures typically reach above 90⁰F 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 55⁰F will cause the product to cure slower increasing the probability of surface contamination with debris.

SURFACE DRYNESS: The substrate must be dry; products like WL500 that contain acrylic resin can blush, IE. turn white if the acrylic comes in contact with moisture in the stone/substrate during the products drying cycle.

- Blush typically does not develop immediately and typically shows up in 24 hours as white blotches in irregular areas.
- If application is being done in the morning, make sure any dew has evaporated; use a blower to disperse dew and hasten evaporation.
- Be sure surface is thoroughly dry before proceeding.
- A hand held moisture meter is inexpensive and a recommended application tool.

CAUTION: This product can make the surface more slippery when wet.

- If the surface appears slippery or slick after curing, wait 48 hours, then power wash the treated area. This will normally significantly reduce slipperiness. Most initial slipperiness when present will dissipate after two weeks.
- If slipping is an issue, consider adding micronized powders such as “Serveon’s Anti-Slip Grip”.
- Do not apply when wind is present that can carry product beyond the application area.

TRAFFIC: Pedestrian 1 hour; light vehicular, 2 hours.

EQUIPMENT: Because of the short dry time this product is best applied a high pressure spray equipment. The product can alternately be applied with a fine natural bristle brush or paint roller; care should be taken to avoid brush marks.

LIMITATIONS

- Limited shelf life – remains storage stable for approximately 12 months in sealed containers.
- It is not compliant with the following: California Air Resources Board SCM Districts, South Coast Air Quality Management District, Maricopa County, AZ. Northeast Ozone Transport Commission, Manufactured and marketed in compliance with, USEPA AIM VOC regulations (40 CFR 59.403)

TYPICAL PHYSICAL & PERFORMANCE PROPERTIES

Weight Per Gallon	7.75 lbs.
Solids by Weight*	33%
Color	Transparent
Viscosity At 77 ⁰ F	80 ku
Shelf Life	1 Year
Gloss	Full
Temperature Resistance	225 ⁰ F
Chemical Resistance	Very Good
Flash Point	80 ⁰ F, TCC
V.O.C.	4.4
Recommended D.F.T.	1 – 1.5 mils per coat
Film Thickness	Wet: 2.5–4.0 mils; Dry 1.0 - 1.5 mils per coat
Dry Time	Touch 15 – 25 minutes Traffic: 30 min - Hour Recoat 30 min - 1 hour
Application	Brush or roller
Clean Up	Xylene Flush

Full Cure 50% Relative Humidity, 70%	5 Hours
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* NOTE; Percentages are + or - 3%

PACAGING AND Approx. Shipping Weights

1 gallons (18.9L)	7.95 lbs.
5 gallon pail (94.5L)	40.05 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. Always test.

Theoretical coverage: 525 sq. ft. /gal. @ 1 mil dry film thickness (dft.)

Porous Surfaces: will vary depending on porosity of the surface, typically 150 – 225 sq. ft. / gal.

Non-Porous Surfaces: 225 – 350 sq. ft. / gallon

**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**

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

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

CUSTOMER CARE

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. Please visit our website at www.serveonsealants.com

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The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

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