

**DESCRIPTION:** WL100 is a premium quality product for applications where fast drying, excellent durability and a superior, wet look glossy shine are a requisite: WL100 is a penetrating; seamless reactive acrylic complex that forms a high-performance polymer that powerfully adheres to the substrate. The barrier formed protects the surface for years and years and will retain its deep glossy shine. The engineered polymer of acrylic resins and other proprietary additives and chemicals securely anchors to the substrate forming an uncompromising barrier that resists penetration from water, salts, pool chemicals, oils, vehicle liquids and more.

**FEATURES AND BENEFITS:** WL100 beautifies stone, brick, mortar, masonry, concrete structures and concrete aggregate providing a vibrant, rich, high gloss wet look while protecting and preventing deterioration. It is targeted specifically for patios, pool surrounds, landscaping accents and for most masonry and concrete surfaces. The product is formulated for ease of application, fast curing and durability. WL100 provides exceptional coverage, is non-fading, affords strong resistance to UV rays, is non-yellowing and long lasting.

- Superior excellent gloss finish that protects and enhances color
- Multiple coats can be applied if desired
- Excellent anchoring properties
- Resists efflorescence
- Longevity typically up to two years or longer
- Rapid drying – dries in one hour or less, then ready for pedestrian traffic; vehicle traffic typically two hours
- Re-sealable
- Will not yellow, chip or delaminate
- Flexible; high impact resistance
- Microporous, lets surface breath
- 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:** WL100 Can be used on previously coated or uncoated, vertical or horizontal, interior or exterior surfaces such as concrete, Mexican tile and unglazed tiles, brick, aggregate, natural and artificial stone, masonry, stucco, marble, terrazzo, granite, wood and many metals.

**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 WL100 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 1 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.

- Apply a thin, even coat with a low-pressure sprayer not to exceed 1.0 - 1.5 dry mills per coating. Do not

apply thick coating as pooling can result in depressions.

- One to two thin applications will generally result in a uniform appearance on porous surfaces. Additional coats may be desired depending on actual porosity and appearance desired. Allow 1 hour between coats or until surface is dry with pressure touch.
- Work in sections of no more than 50 sq. ft. Apply 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 - 85<sup>0</sup> F(10-32<sup>0</sup>C); Temperatures above 85<sup>0</sup>F 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 85<sup>0</sup> 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 90<sup>0</sup> F can create this situation.

- Where temperatures typically reach above 90<sup>0</sup>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 55<sup>0</sup>F will cause the product to cure slower increasing the probability of surface contamination with debris.

**SURFACE DRYNESS:** The substrate must be dry; products like WL100 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.

**CAUTIONS:** 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)

**Approx. Shipping Weights**

1 gallons (18.9L)	7.85 lbs.
5 gallon pail (94.5L)	39.25 lbs.

**TYPICAL PHYSICAL PERFORMANCE CHARACTERISTICS**

Weight Per Gallon	7.75 lbs.
Solids by Weight*	28%
Color	Transparent
Viscosity At 77° F	80 ku
Shelf Life	1 Year
Gloss	Full
Temperature Resistance	225° F
Chemical Resistance	Very Good
Flash Point	80° F, TCC
V.O.C.	4.4
Recommended D.F.T.	1 – 1.5 mils
Film Thickness	Wet: 2.5–4.0 mils; Dry 1.0 - 1.5 mils
Dry Time	Touch 10 – 15 minutes Handle 1 Hour Recoat 1 hour
Application	Spray, Dip, Electrostatic Spray, very fine bristle brush
Clean Up	Xylene Flush
Full Cure 50% Relative Humidity, 70%	5 Hours

\* NOTE; Percentages are + or - 3%

**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](http://www.serveonsealants.com)

**WARRANTY AND DISCLAIMER:** To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice.

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. 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. The purchaser shall be responsible to make his own tests to determine the suitability of this product for his 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 any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of SERVEON, its distributors or dealers.